



U.S. Department of Transportation

National Highway Traffic Safety Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.



CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

PSU 13 CASE	NO.096D	TYPE OF ACCIDENT _	Rollover	
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A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not driver culpability. <u>Do not include any personal identifiers.</u>)

SEE PRINTOUT

	B. VEHICLE PROFILE(S)									
	Class			re Damage icle Inspection						
Vehicle No.	of Vehicle	Year/Make/Model	Damage Plane	Severity Description	Component Failure					
		•								

DO NOT SANITIZE THIS FORM

	C. PERSON PROFILE(S)								
Vehicle	Person	Seat	Restraint	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)					
No.	Role	Position	Use	Body Region	Injury Type	AIS	Injury Source		
		,							
	•								
	·	·							
	·								
:									

Body Region

Abdomen Ankle-foot Arm (upper)

Back-thoracolumbar spine

Brain Chest Ears Eye Elbow Face

Forearm Head-skull Heart

Kidneys Knee Leg (lower) Liver

Lower limbs(s) (whole or unknown part)

Mouth

Neck-cervical spine

Nose

Pelvic-hip

Pulmonary-lungs

Shoulder Spleen Thigh

Thyroid, other endocrine gland Upper limb(s) (whole or unknown

part) Vertebrae Whole body Wrist-hand

Injury Type

Abrasion Amputation Avulsion Burn Concussion Contusion Crush

Detachment, separation

Dislocation

Fracture and dislocation

Laceration

Other

Perforation, puncture

Rupture Sprain Strain

Total severance, transection

Unknown

Abbreviated Injury Scale

(1) Minor injury

(2) Moderate injury

(3) Serious injury

(4) Severe injury

(5) Critical injury

(6) Maximum (untreatable)

(7) Injured, unknown severity

DO NOT SANITIZE THIS FORM

PSU13 1996 Case Summary Form

CASE 096D

TYPE OF ACCIDENT: ROLLOVER

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

Westbound on 2 lane paved rural road and negotiating a sharp left curve, vehicle's right rear tire blew out and caused vehicle to rotate ccw, trip and roll onto its top. Vehicle came to rest in opposite lane of travel. Occupant #4 was pinned between F.R.seat headrest and roof, he recieved only minor injuries.

01

PSU13

1996 Case Summary Form

CASE 096D TYPE OF ACCIDENT: ROLLOYER

B. VEHICLE PROFILE(S)

٧		Most Severe Damage Based on Vehicle Inspection									
e h. No	Class of Vehicle	Year/Make/ Model	Damage Flane	Severity Descr.	Component Failure						
4-4	Intermediate	84 Oldsmobile Cutlass Supreme Brougham	Тор	Moderate	None						

01

PSU13 CASE 096D 1996 Case Summary Form

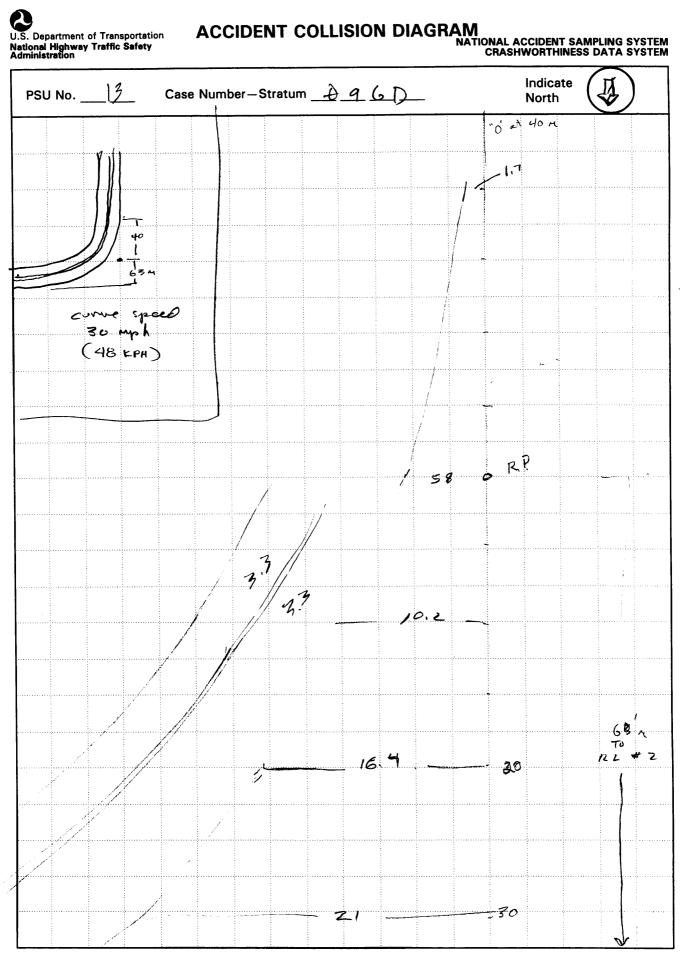
TYPE OF ACCIDENT: ROLLOVER

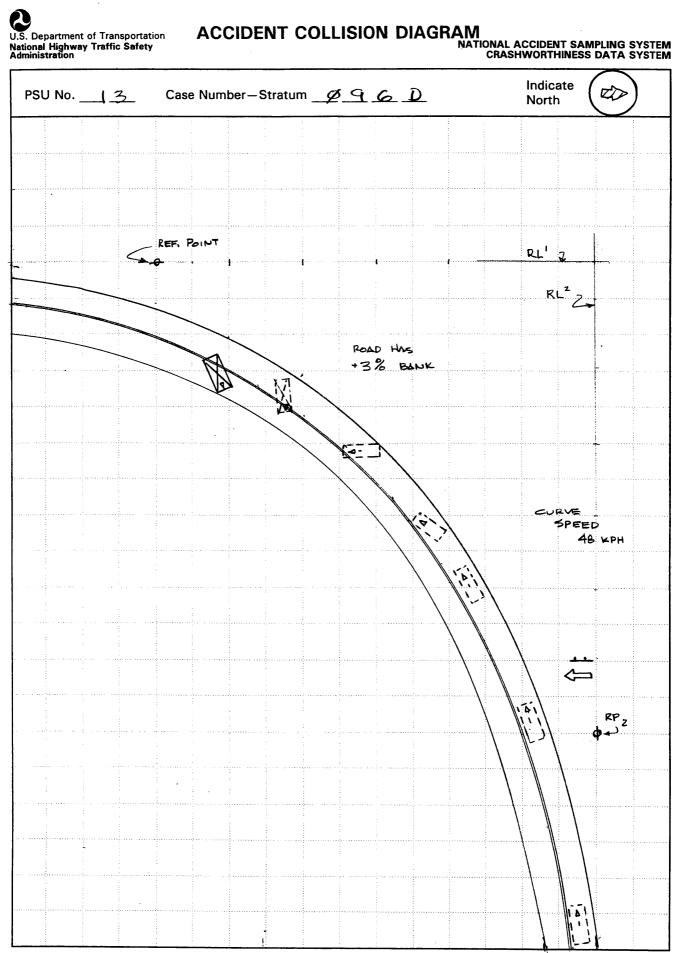
C. PERSON PROFILE(S)

Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)

V €				20 20 20 20		Α	
h.	Person	Seat	Restraint	: Body	Injury	1	Injury
No	Role	Positon	Use	Region	Type	S	Source
	Driver Pass. Pass. Pass.	F.L. F.R. L.R. R.R.	L&Sh. L&Sh. None None	head elbaw train not injur	contusión concussive en	- / - / - 2	roof

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U.S. Department of Transportation National Highway Traffic Safety Administration

ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number1 _	<u>3</u>	Case N	umber – S	Stratum <u>696</u> D
ACCIDENT COLI	LISION DIAGRAM			
all road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, parked vehicles, poles, signs, etc.) all traffic controls (e.g., signs/signals, etc.) north arrow placed on diagram roadway surface type and condition of applicable roadways grade measurements for all applicable roadways and at location of rollover initiation	Pocument vehicle reference point to physical feat scaled docume induced physical scaled docume objects contact scaled represer pre-impact, impupon either: a) physical	ntation of all roadside	Heading A Surface T Surface Condition Coefficier Friction Grade (v/l Measuren (between and final (Grade (v/l Measuren	ype ASPHALT DRY nt of .71 nent occ impact (rest) h) nent _00 3% BANK
* roadway curvature (include measurement of precrash superelevation for each vehicle if applicable) Reference Point:	Pole at	,		itiation) h) nent ash
UTILITY POLE @	WHITE	<u>#2 r</u>	. EDG	e extemped
Item		Distance and Dire from Reference F	oint	Distance and Direction from Reference Line
CURUE DATA (PAUC	o E01E)	# 1º- 40° zo°	\$ 5	# 1 0 0 E
		10	٧ ٧	10.2 E
		20		16.4°E
		30	<u>_</u>	25.2E
		40	~ ~	37° E
		#2 RD 30	1.	2 0
		20	Į.	1.2 5
	2		E	3, 4° s
		•		6.5 5
	,	1	W.	14.8's
) W	30 5

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
N. SIGN LEG	10 h	Rt 2
		5
		1

ACCIDENT FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

National righway frame 3 Administration	2.01,	ACCIDE	41 1 O I III		CRASHWORTHINESS	DATA SYSTEM
Primary Sampli Case Number -			Check (+	PECIAL STUDIES (1) each special study (n) completed; code (and 0 for the special)	y (SS15-SS18 be 1 for the check	elow) that ked special
3. Number of Ger Forms Submitt 4. Date of Accide (Month,Day,Ye) 5. Time of Accide Code report	neral Vehicle ed ent ear)	<u>01</u> <u>9 6</u> 18 00	6	SS15 Administr SS16 Pedestrial (Data for this special in a separate file.) SS17 Impact File SS18 Unsafe D SS19 Run Off F	n Crash Data St I study available res river Actions Road	
	hat occurred in the a	accident, code the lov	in Co in NT EVENT		events which oc	
Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. 0 1	13. 0	14. <u>0 3</u>	15	16. 3 (17. 00	18.
19. 0 2	20	21	22	23	24	25
26. <u>0</u> <u>3</u>	27	28	29	30	31	32
33. <u>0 4</u>	34	35	36	37	38	39
40. 0 5	41	42	43	44	45	46
IF GREA	TER THAN FIVE E	VENTS, CONTINUE	CODING ON	THE ACCIDENT EV	ENT SUPPLEMEN	NT

CODES FOR CLASS OF VEHICLE (31) Large pickup truck (≤ 4,536 kgs GVWR) (00) Not a motor vehicle (38) Other pickup truck (≤ 4,536 kgs GVWR) (01) Subcompact/mini (wheelbase < 254 cm) (O2) Compact (wheelbase ≥ 254 but < 265 cm) (39) Unknown pickup truck type (≤ 4,536 kgs GVWR (03) Intermediate (wheelbase ≥ 265 but < 278 cm) (45) Other light truck (≤ 4,536 kgs GVWR) (48) Unknown light truck type (≤ 4,536 kgs GVWR) (04) Full size (wheelbase ≥ 278 but < 291 cm) (49) Unknown light vehicle type (05) Largest (wheelbase ≥ 291 cm) (50) School bus (excludes van based)(>4,536 kgs GVWR) (09) Unknown passenger car size (58) Other bus (> 4,536 kgs GVWR) (14) Compact utility vehicle (15) Large utility vehicle (≤ 4,536 kgs GVWR) (59) Unknown bus type (16) Utility station wagon (≤ 4,536 kgs GVWR) (60) Truck (> 4,536 kgs GVWR) (19) Unknown utility type (67) Tractor without trailer (68) Tractor-trailer(s) (20) Minivan (≤ 4,536 kgs GVWR) (78) Unknown medium/heavy truck type (21) Large van (≤ 4,536 kgs GVWR) (24) Van Based school bus (≤ 4,536 kgs GVWR) (79) Unknown light/medium/heavy truck type (80) Motored cycle (28) Other van type (≤ 4,536 kgs GVWR) (90) Other vehicle (29) Unknown van type (≤ 4,536 kgs GVWR) (99) Unknown (30): Compact pickup truck (≤ 4,536 kgs GVWR) **CODES FOR GENERAL AREA OF DAMAGE (GAD)** CDS APPLICABLE (0) Not a motor vehicle (R) Right side (T) Top (N) Noncollision (L) Left side (U) Undercarriage AND OTHER (F) Front (B) Back (9) Unknown **VEHICLES** (C) Rear of cab (O) Not a motor vehicle (L) Left side TDC (B) Back of unit with cargo area APPLICABLE (N) Noncollision (V) Front of cargo area **VEHICLES** (F) Front (rear of trailer or straight truck) (T) Top (D) Back (rear of tractor) (U) Undercarriage (R) Right side (9) Unknown CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED (57) Fence (01-30) - Vehicle Number (58) Wall Noncollision (59) Building (31) Overturn - rollover (excludes end-over-end) (60) Ditch or culvert (32) Rollover - end-over-end (61) Ground (62) Fire hydrant (33) Fire or explosion (63) Curb (34) Jackknife (64) Bridge (35) Other intraunit damage (specify): (68) Other fixed object (specify): (36) Noncollision injury (69) Unknown fixed object (38) Other noncollision (specify): (39) Noncollision - details unknown Collision with Nonfixed Object (70) Passenger car, light truck, van, or other vehicle Collision With Fixed Object not in-transport (41) Tree (≤ 10 cm in diameter) (71) Medium/heavy truck or bus not in-transport (42) Tree (> 10 cm in diameter) (72) Pedestrian (43) Shrubbery or bush (73) Cyclist or cycle (44) Embankment (74) Other nonmotorist or conveyance (45) Breakaway pole or post (any diameter) (75) Vehicle occupant Nonbreakaway Pole or Post (76) Animal (50) Pole or post (≤ 10 cm in diameter) (77) Train (51) Pole or post (> 10 cm but ≤ 30 cm in diameter) (78) Trailer, disconnected in transport (79) Object fell from vehicle in-transport (52) Pole or post (> 30 cm in diameter) (53) Pole or post (diameter unknown) (88) Other nonfixed object (specify): (54) Concrete traffic barrier (89) Unknown nonfixed object (55) Impact attenuator (56) Other traffic barrier (includes guardrail) (98) Other event (specify): (specify): (99) Unknown event or object

	PRECRASH ENVIRONMENTAL DATA		25.	Roadway Surface Condition	11
	D. L. S. T. L. L. Branco O. L. China	0		(1) Dry	
19.	Relation To Interchange Or Junction	\cup		(2) Wet	į
	(0) Non-interchange area and non-junction	ļ		(3) Snow or slush	
	(1) Interchange area related			(4) Ice	
				(5) Sand, dirt, or oil	
	Non-Interchange junctions	ļ		(8) Other (specify):	
	(2) Intersection related			(9) Unknown	Į.
	(3) Driveway, alley access related			(5) Shkhown	1
	(4) Other junction (specify)				1
		1	26.	Light Conditions	
	(5) Unknown type of junction			(1) Daylight	
				(2) Dark	
	(9) Unknown	1		(3) Dark, but lighted	į
		1		(4) Dawn	
		ا م		(5) Dusk	
20.	Trafficway Flow	O		(9) Unknown	1
	(0) Not physically divided (two way traffic)				j
	(1) Divided trafficway-median strip without	İ			
	positive barrier		27.	Atmospheric Conditions	01
	(2) Divided trafficway-median strip with positiv	e		(0) No adverse atmospheric-related driving	
	barrier			conditions	- 1
	(3) One way traffic			(1) Rain	1
	(9) Unknown			(2) Sleet/hail	1
				(3) Snow	ł
	N. J. Of The all lands	9		(4) Fog	
21.	Number Of Travel Lanes	Ø		(5) Rain and fog	İ
	(1) One			(6) Sleet and fog	İ
	(2) Two			(7) Other (e.g., smog, smoke, blowing sand o	r I
	(3) Three	- 1		dust, etc.) (specify):	·
	(4) Four			2000, 2001, (op 2011),	
	(5) Five			(9) Unknown	
	(6) Six				.
	(7) Seven or more	ì	28.	Traffic Control Device	6
	(9) Unknown			(0) No traffic control(s)	
				(1) Traffic control signal (not RR crossing)	
22.	Roadway Alignment	3		G.	
	(1) Straight	_		Regulatory	
	(2) Curve right			(2) Stop sign	
	(3) Curve left		l	(3) Yield sign	
	(9) Unknown			(4) School zone sign	
ł				(5) Other regulatory sign (specify):	
		١			
23.	Roadway Profile	—		(6) Warning sign (not RR crossing)	
	(1) Level		1	(7) Unknown sign	
	(2) Uphill grade (>2%)			(8) Miscellaneous/other controls including RR	
	(3) Hill crest		1	controls (specify):	
	(4) Downhill grade (>2%)			, , , , , , , , , , , , , , , , , , ,	
	(5) Sag		١	(9) Unknown	
1	(9) Unknown		1	1-7	
l		^	[_
24	Roadway Surface Type	سلنه	29	. Traffic Control Device Functioning	2
l - ''	(1) Concrete	~		(0) No traffic control device	
	(2) Bituminous (asphalt)			(1) Traffic control device not functioning	
	(3) Brick or block			(specify):	
	(4) Slag, gravel, or stone			• • • •	
	(5) Dirt			(2) Traffic control device functioning properly	,
	(8) Other (specify):			(9) Unknown	
	(9) Unknown				
	• • · · · · · · · · · · · · · · · · · ·		1	•	

National Accident Sampling System-Crashworthiness Data System: General Vehicle Form

	OCCUPANT RELATED	44. Vehicle Cargo Weight Ocde weight to nearest
37	Driver Presence in Vehicle	10 kilograms.
37.	(0) Driver not present	(000) Less than 5 kilograms
	(1) Driver present	(454) 4,536 kilograms or more
	(9) Unknown	(999) Unknown
	Number of Occupants This Vehicle	, lbs X .4536 =, kgs
38.	Mulliber of Goodparite Time Verment	Source:
	(00-96) Code actual number of occupants for this vehicle	
	(97) 97 or more	ROLLOVER DATA
i	(99) Unknown	45. Rollover
	n 4	(00) No rollover (no overturning)
39.	Number of Occupant Forms Submitted	Rollover (primarily about the longitudinal axis)
	AIR BAG RELATED	(01-16) Code the number of quarter turns
		(17) Rollover, 17 or more quarter turns
40.	Is this an AOPS Vehicle?	(specify):
l	(0) No (includes unknown)	(98) Rolloverend-over-end (i.e., primarily
	(1) Yes - researcher determined (2) VIN determined air bag system	about the lateral axis) (99) Rollover (overturn), details unknown
l	(3) VIN determined automatic (passive) belts	(39) Nollover (overturil), details drikilowii
ł	(4) VIN determined air bag and automatic	46. Rollover Initiation Type
	(passive) belts	(00) No rollover
١.,	Air Bag(s) Deployment, First Seat Frontal	(01) Trip-over
41.	Air Bag(s) Deployment, First Seat Frontal (0) Not equipped or not available	(02) Flip-over (03) Turn-over
	(1) No air bags deployed	(04) Climb-over
1		(O5) Fall-over
	Single Air Bag Vehicle (2) Driver air bag deployed	(06) Bounce-over
1	(3) Driver air bag, unknown if deployed	(07) Collision with another vehicle
	Multiple Air Bag Vehicle	(08) Other rollover initiation type specify):
	(4) Driver side only deployed	(98) Rolloverend-over-end
	(5) Passenger side only deployed	(99) Unknown rollover initiation type
1	(6) Driver and passenger side deployed	Land to the Control of the Control o
	(7) Driver and passenger side unknown if deployed	47. Location of Rollover Initiation
	(8) Air bag(s) deployed, details unknown	(1) On roadway
	(9) Unknown	(2) On shoulder—paved
		(3) On shoulder—unpaved
42.	Air Bag(s) Deployment, Other Than First	(4) On roadside or divided trafficway median
	Seat Frontal (0) Not equipped with an "other" air bag	(8) Rolloverend-over-end (9) Unknown
	(1) Deployed during accident (as a result of	(a) Circiowii
	impact)	48. Rollover Initiation Object Contacted
	(2) Deployed inadvertently just prior to accident (3) Deployed, details unknown	(Note: Applicable codes on back of page)
	(4) Deployed as a result of a noncollision event	49. Location on Vehicle Where Initial Principal
	during accident sequence (e.g., fire,	Tripping Force Is Applied
	explosion, electrical)	(O) No rollover
1	(5) Unknown if deployed (7) Nondeployed	(1) Wheels/tires
1	(9) Unknown	(2) Side plane (3) End plane
1		(4) Undercarriage
1	Specify type of "other" air bag present:	(5) Other location on vehicle (specify):
1		(6) Non-contact rollover forces (specify):
	VEHICLE WEIGHT ITEMS	(8) Rolloverend-over-end (9) Unknown
		1)
4	3. Vehicle Curb Weight 1, 4 5 0	50. Direction of Initial Roll
4	Code weight to nearest	(0) No rollover (1) Roll right - primarily about the longitudinal
1	10 kilograms.	axis
	(045) Less than 454 kilograms	(2) Roll left - primarily about the longitudinal
	(612) 6,124 kilograms or more (999) Unknown	axis (8) Rolloverend-over-end
	lbs X .4536 =kgs	(9) Unknown roll direction
	Source:	

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover (01-30) — Vehicle Number	(57) Fence (58) Wall
Noncollision	(59) Building (60) Ditch or culvert
(31) Turn-over — fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
10.11	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	
(42) Tree (> 10 cm in diameter)	(69) Unknown fixed object
(43) Shrubbery or bush	
(44) Embankment	Collision with Nonfixed Object
(TT) Embarkment	(70) Passenger car, light truck, van, or other
(45) Breakaway pole or post (any diameter)	vehicle not in-transport
(45) Breakaway polo or poor (ally diameter)	(71) Medium/heavy truck or bus not in-transpor
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post (> 10 cm but ≤ 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter)	(88) Other nonfixed object (specify):
(52) Pole of post (> 30 cm in diameter)	(00) Other homized object (openit):
(53) Pole or post (diameter unknown)	(89) Unknown nonfixed object
(E.A.) Communication bossion	(03) Olikilowii iloliliked object
(54) Concrete traffic barrier	(98) Other event (specify):
(55) Impact attenuator	(30) Other event (specify).
(56) Other traffic barrier (includes guardrail)	(00) Hakaaya ayaat or chicat
(specify):	(99) Unknown event or object

EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primar	ry Sampling Unit Nu	ımber	12	_ 3	. venici	e Numbe	er				21_
2. Case I	Number - Stratum	_0	961	2							
	VEHICLE IDENTIFICATION										
VIN	VIN <u> </u>										
Vehicle Ma	ake (specify): <u>りし</u> の	SMOBILE		_	Vehicle	Model (specify)				
LOCATOR											
Locate the	e end of the damag r an undamaged axl	e with resp e for side in	ect to the v	ehicle's	damag	ed cente	r point	or bump	er corr	ner for e	nd
Specific Impa		of Direct Dama			Location	n of Field L		L	ocation o	of Max Cru	ısh
	ertine	top						A	ead	2	, , , , , , , , , , , , , , , , , , ,
					-						
			SH PROFI								
NOTES: Id	dentify the plane at ill, etc.) and label a	which the (djustments	C-measurem (e.g., free s	ents are pace).	e taken	(e.g., at	bumpe	r, above	bumpe	r, at sill,	above
	Measure C1 to C6 fi	rom driver to	o passenger	side in	front or	rear imp	oacts ar	nd rear to	o front	in side	
t	ree space value is on he individual C loca ide taper, etc. Rec	tions. This	may include	the fol	lowing:	bumper	lead, b	umper ta	oody co aper, sid	ntour ta de protri	ken at usion,
ι	Jse as many lines/co	olumns as n	ecessary to	describ	e each	damage	profile.		•		
Specific		Direct D					_				
Impact Number	Plane of Impact C-Measurements	Width (CDC)	Max Crush	Field L	C ₁	C ₂	C₃	C₄	C₅	C ₆	±D
	TON	400	14 cm			20	ino	ver			ž.
			<i>'</i>								
											•
											
											· ·
·											

ORIGINAL SPECIFICATIONS WORK SHEET

\A/h = = lh = = =					
Wheelbase	in	iches x	2.54	=	cm
Overall Length	in	ches x	2.54	=	cm
Maximum Width	in	ches x	2.54	=	cm
Curb Weight	po	ounds x	.4536	=	kg
Average Track	in	ches x	2.54	=	cm
Front Overhang	in	ches x	2.54	=	cm
Rear Overhang	in	ches x	2.54	=	cm
Undeformed End Width	in	ches x	2.54	=	cm
Engine Size: cyl./displ.	co	×	.001	=	L
•	CI	D x	.0164	=	L

VEHICLE DAMAGE SKETCH TIRE-WHEEL DAMAGE **ORIGINAL SPECIFICATIONS** WHEEL STEER ANGLES a. Rotation physically b. Tire (For locked front wheels or restricted Wheelbase 108,1 deflated displaced rear axles only) RF ± Overall Length 200 _____ 508 cm RF ∠ LF ± Maximum Width 71.6 182 cm RR ± LR ± Curb Weight 3204 ____1453 kg Within ± 5 degrees Average Track 53.5 (1) Yes (2) No (8) NA (9) Unk. Front Overhang CAN //O **DRIVE WHEELS** TYPE OF TRANSMISSION Rear Overhang □ FWD 🗷 RWD □ 4WD Undeformed End Width _____ **Approximate** END SHIFT ≥ 10 CM Engine Size: cyl./displ. 6-3.8 Cargo Weight kg □ Yes **⊠** No **MEASUREMENTS IN CENTIMETERS** Original Bumper height 149 POST CRASH Bumper corner 98 275 /2とBumper corner Stringline_ bent role in Tread - bald) NT Stringline POST-CRASH Bumper corner 122 274 OO Bumper corner Stringline. Stringline

NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage received on the back of this page.

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

			000	MORNO				
			CDC	NORKSHE	131			
		· c	ODES FOR	OBJECT COI	NTACTED			
(01-30)	– Vehicle Nu	umber		(5	7) Fence			
(0.00)					8) Wall			
Noncoll	lision			•	9) Building	,		
		ollover (excludes	end-over-er		0) Ditch or			
	Rollover-en		0.10 0.01 01	•	1) Ground	Cuiveit		
	Fire or explos				2) Fire hyd	Irant		
	Jackknife				2) Curb	ii di i l		
		nit damage (speci	fv):		4) Bridge			
(00)		iit damage (speci				xed object (anaciful.	
(36)	Noncollision	iniury		(0	o, othern	xed object (specify):	
		lision (specify):		(6	9) Unknow	vn fixed obje	oct	·
(39)	Noncollision	 details unknov 	vn	Collis	sion with N	onfixed Obje	ect	
				(7	0) Passenc	er car, light	truck. van.	or other
	n With Fixed (vehicle	not in-transp	oort	
	•	m in diameter)		(7	1) Medium	/heavy truci	k or bus not	in-transport
(42)	Tree (> 10 c	m in diameter)			2) Pedestri			
	Shrubbery or			(7	3) Cyclist	or cycle		
(44)	Embankment			(7	4) Other n	onmotorist o	or conveyand	се
(45)	Breakaway p	ole or post (any o	diameter)	(7	5) Vehicle	occupant		
					6) Animal			
	akaway Pole d				7) Train			
		(≤ 10 cm in diam		(7	8)Trailer,	disconnecte	d in transpo	rt
(51)		(> 10 cm but ≤ 3	30 cm in	(7:	9) Object f	iell from veh	icle in-trans	port
	diameter)			(8	8) Other n	onfixed obje	ct (specify):	
		> 30 cm in diam						
(53)	Pole or post (diameter unknow	vn)	(8	9) Unknow	n nonfixed	object	
• - •	Concrete traf			(9	8) Other e	vent (specify	/):	
	Impact attenu	uator barrier (includes ç	nuardrail)	(9)	9) Unknow	n event or o	phiect	
(00,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_	(0	o, onknov	,,, ovenic or c)	
		DEEODMAT	TION CLASS	IFICATION E	V EVENT A	II INARED	<u></u>	
			TON CLASS		(4)	(5)		
Accident		(1) (2)			Specific	Specific	(6)	
Event	Object	Direction	Incremental	(3)	Longitudinal	Vertical or	Type of	(7)
Sequence Number	Contacted	of Force (degrees)	Value of Shift	Deformation Location	or Lateral Location	Lateral	Damage	Deformation
		(acg/ccs/			Location	Location	Distribution	Extent
01	31	000	00	T	D	\supset	0	03
				`		<u> </u>	<u></u>	
								
			 ·		<u> </u>	**********		
								
								
								

		COLLISION	DEFORMA	TION CLAS	SIEICATIO	N	rage 4	
HIGHEST	DELTA "V"	OOLLIGION	DEFORMA	TION CLAS	OII ICATIO			
Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent	
4. 0 (5	6	7.7	8. <u>D</u>	9. <u>D</u>	10. <u> </u>	11. 03	
Second H	ighest Delta "V	n						
12	13	14	15	16	17	18	19	
		CRUS	H PROFILE	IN CENTIM	ETERS			
	The crush profile for the damage described in the CDC(s) above should be documented in the appropriate space below. (ALL MEASUREMENTS ARE IN CENTIMETERS.)							
HIGHEST	DELTA "V"						·	
20. L	21. 		C ₃	C ₄	C ₅	C ₆	22. ±D	
					·			
Second H	ighest Delta "V	•					į	
23. 	24. 		C ₃		C ₅	C ₆	25. ±D	
(Code impac (250) (998) (999)	ormed End Widtl d when highest s t is an end plane Code to the ne. 250 centimeter No highest seve Unknown	severity impact.) arest centimeters or more		(650) (999) ———	Nheelbase Code to the necession contimeter 650 centimeter Unknown inches X	2.54 =	-	
(For hi	Damage Width ighest severity in Code to the near 250 centimeter Unknown	arest centimete	<u>250</u>	(185) (999)	Code to the nearest centim 185 centimete Unknown inches X	eter ers or more		

			FUEL SYSTEM
30.	Are CDCs Documented but Not Coded on The Automated File? (0) No (1) Yes	_0	35. Location of Fuel Tank-1 Filler Cap 36. Location of Fuel Tank-2 Filler Cap (0) No fuel tank (1) On back plane (2) Aft of center of the rear wheels (rear axle) on left side plane
31.	Researcher's Assessment of Vehicle Disposition (0) Not towed due to vehicle damage (1) Towed due to vehicle damage (9) Unknown	1	 (3) Aft of center of the rear wheels (rear axle) on right side plane (4) Forward of center of the rear wheels (rear axle) on left side plane (5) Forward of center of the rear wheels (rear axle) on right side plane (6) Over the center of the rear wheels (rear
32.	Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? (0) No post manufacturer modifications (1) Yes - post manufacturer modifications (specify):	0	axle) on left side plane (7) Over the center of the rear wheels (rear axle) on right side plane (8) Other (specify): (9) Unknown
	(Include photograph of CERTIFICATION PLACARD in case report) (9) Unknown if vehicle is modified		37. Type of Fuel Tank-1 38. Type of Fuel Tank-2 (0) No fuel tank (electrical vehicle) (1) Metallic (2) Non-metallic (9) Unknown
	FIRE OCCURRENCE		39. Location of Fuel Tank-1
	Fire Occurrence (0) No fire Yes, fire occurred (1) Minor (2) Major (9) Unknown Origin of Fire (0) No fire (1) Vehicle exterior (front, side, back, top) (2) Exhaust system (3) Fuel tank (and other fuel retention system parts) (4) Engine compartment (5) Cargo/trunk compartment (6) Instrument panel (7) Passenger compartment area (8) Other location (specify):	<u>0</u>	40. Location of Fuel Tank-2 (0) No fuel tank (1) Aft of center of the rear wheels (rear axle) centered (2) Aft of center of the rear wheels (rear axle) left side (3) Aft of center of the rear wheels (rear axle) right side (4) Forward of center of the rear wheels (rear axle) centered (5) Forward of center of the rear wheels (rear axle) left side (6) Forward of center of the rear wheels (rear axle) right side (7) Over center of the rear wheels (rear axle) right side (8) Other (specify): (9) Unknown 41. Damage to Fuel Tank-1 42. Damage to Fuel Tank-2 (0) No fuel tank (1) No damage to fuel tank (2) Deformed, no seam failure (3) Deformed, with a seam failure (4) Punctured (5) Lacerated (rinned)
			 (5) Lacerated (ripped) (6) Abraded (scraped) (7) Filler neck separation from the fuel tank (8) Other damage (specify): (9) Unknown

			Y		
43.	Leakage Location of Fuel System-1			nis Vehicle Equipped With More Than Fuel Tanks?	0
44.	Leakage Location of Fuel System-2	0		No (one or two tanks only)	
	(0) No fuel tank (1) No fuel leakage		Vac	Advan Than Town T	
	(1) No fuel leakage		1	- More Than Two Tanks	
	Primary Area Of Lankage		(1)	Yes no damage to any tank or filler	
	<i>Primary Area Of Leakage</i> (2) Tank		(2)	cap and no fuel system leakage	
	(3) Filler neck		(2)	Yes no damage to any tank or filler	
	(4) Cap		1	cap but there is fuel system leakage	
	(5) Lines/pump/filter		[(specify leakage location):	
	(6) Vent/emission recovery		(3)	Yes damage to an additional tank or	
	(8) Other (specify):		(3)	filler cap and there is fuel system leakage	
	(9) Unknown			(specify the following):	
	(5) CHRISTI			Type of tenk	
				Type of tank	
45.	Fuel Type-1	0 /		Filler cap location	•
40.	. 40. 7760				
46.	Fuel Type-2	00		Location of leakage	
. • •	, , , , , , , , , , , , , , , ,			Type of fuel	•
	Single Fuel Type		(9)	Unknown if more than two tanks	•
	(00) No fuel tank				
	(01) Gasoline				
	(O2) Diesel				
	(03) CNG (Compressed Natural Gas)			COMMENTS	
	(04) LPG (Liquid Petroleum Gas) also				
	known as Propane				
	(05) LNG (Liquid Natural Gas)				
	(06) Methanol (M100 or M85)				
	(07) Ethanol (E100 or E85)				
	(08) Other (Hydrogen or others) (specify):	· ·	<u> </u>		
	Electric Powered or Electric/Solar				
	Powered Vehicles				
	(10) Lead Acid Battery				
	(11) Nickel-Iron Battery				
	(12) Nickel-Cadmium Battery				
	(13) Sodium Metal Chloride Battery				
	(14) Sodium Sulfur Battery				
	(18) Other (Specify):				
	(98) Other Hybrid (specify):				
	(99) Unknown fuel type	 -			
-					
	*** STOP: IF THE CDS AF	PI ICARI	F VEHIC	CLE WAS NOT TOWED ***	

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

(GV10=0)

DO NOT COMPLETE THE INTERIOR VEHICLE FORM.

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

MITEODITA	,
3. Vehicle Number	-0 +
2. Case Number - Stratum	0960
1. Primary Sampling Unit Numbe	r <u>13</u>

INTEGRITY

4. Passenger Compartment Integrity
(00) No integrity loss

Yes, Integrity Was Lost Through

- (01) Windshield
- (02) Door (side)
- (03) Door/hatch (back door)
- (04) Roof
- (05) Roof glass
- (06) Side window
- (07) Rear window (backlight)
- (08) Roof and roof glass
- (09) Windshield and door (side)
- (10) Windshield and roof
- (11) Side and rear window (side window and backlight)
- (12) Windshield and side window
- (13) Door and side window
- (98) Other combination of above (specify):
- (99) Unknown

Door, Tailgate or Hatch Opening

5. LF / 6. RF / 7. LR + 8. RR + 9. TG/H

- (0) No door/gate/hatch
- (1) Door/gate/hatch remained closed and operational
- (2) Door/gate/hatch came open during collision
- (3) Door/gate/hatch jammed shut
- (8) Other (specify):
- (9) Unknown

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code Ø

10. LF <u>0</u> 11. RF <u>0</u> 12. LR <u>0</u> 13. RR <u>0</u> 14. TG/H <u>(</u>

(0) No door/gate/hatch or door not opened

Door, Tailgate or Hatch Came Open During Collision

- (1) Door operational (no damage)
- (2) Latch/striker failure due to damage
- (3) Hinge failure due to damage
- (4) Door structure failure due to damage
- (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
- (6) Latch/striker and hinge failure due to damage
- (8) Other failure (specify):
- (9) Unknown

GLAZING

Type of Window/Windshield Glazing

15. WS / 16. LF 2 17. RF 2 18. LR 2 19. RR 2

20. BL 2 21. Roof 22. Other 0

- (0) No glazing
- (1) AS-1 Laminated
- (2) AS-2 Tempered
- (3) AS-3 Tempered-tinted (original)
- (4) AS-2 Tempered-with after market tint
- (5) AS-3 Tempered-tinted (with additional after market tint)
- (6) AS-14 Glass/Plastic
- (7) Glazing removed prior to accident
- (8) Other (specify):
- (9) Unknown

Window Precrash Glazing Status

23. WS / 24. LF / 25. RF / 26. LR / 27. RR

28. BL / 29. Roof 030. Other 0

- (0) No glazing
- (1) Fixed
- (2) Closed
- (3) Partially opened
- (4) Fully opened
- (7) Glazing removed prior to accident
- (9) Unknown

Glazing Damage from Impact Forces

31. WS <u>2</u> 32. LF <u>6</u> 33. RF <u>6</u> 34. LR <u>1</u> 35. RR <u>1</u>

36. BL 6 37. Roof 38. Other 9

- (0) No glazing
- (1) No glazing damage from impact forces
- (2) Glazing in place and cracked from impact forces
- (3) Glazing in place and holed from impact forces
- (4) Glazing out-of-place (cracked or not) and not holed from impact forces
- (5) Glazing out-of-place and holed from impact forces
- (6) Glazing disintegrated from impact forces
- (7) Glazing removed prior to accident
- (9) Unknown if damaged

Glazing Damage from Occupant Contact

39. WS/ 40. LF/ 41. RF/ 42. LR/ 43. RR/

44. BL / 45. Roof O 46. Other 🛆

- (0) No glazing
- (1) No occupant contact to glazing
- (2) Glazing contacted by occupant but no glazing damage
- (3) Glazing in place and cracked by occupant contact
- (4) Glazing in place and holed by occupant contact
- (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
- (6) Glazing out-of-place by occupant contact and holed by occupant contact
- (7) Glazing removed prior to accident
- (8) Glazing disintegrated by occupant contact
- (9) Unknown if contacted by occupant

INTRUSION WORKSHEET NOTE: SKETCH INTRUDED AREAS Vertical Longitudinal Row Width (cm) 130 140 Longitudinal Vertical LOCATION **DOMINANT** (All Measurements Are In Centimeters) OF **INTRUDED COMPARISON INTRUDED INTRUSION CRUSH** INTRUSION **COMPONENT VALUE VALUE DIRECTION** = 1.3 Vert. 104 87 100 12 88 100 10 90 φ 10 cm. Down From Header 82 90 B 9 WIUDSH. " 90 10 80 7 V 90 10 104 20 2 104 1/ 13 104 86 = =

=

OCCUPANT AREA INTRUSION

Note	Note: If no intrusions, leave variables IV47-IV86 blank.							
	Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction				
1st	47/_	48. <u>/</u> 3	<u>49. 3</u>	50				
2nd	51. <u>/</u> 2	52. <u>/</u> <u>3</u>	_ 53. <u>3</u>	54				
3rd	55. <u>13</u>	56. <u>/</u> 3	57. <u>3</u>	58				
4th	59	60. / 6	612	62				
5th	63. <u>1</u> 2	64. <u>/</u> 6	65. <u>2</u>	66				
6th	67	68. <u>/</u> 6	69. <u></u>	-70. <u> </u>				
7th	71. <u>/</u>	72. <u>/</u> 5	732	74				
8th	75. <u>/</u> 3	76. <u>/</u>	77.2	78				
9th	79/	80. <u>/</u> 5	81. 2	82/				
10th	83	84	85	86				

LOCATION OF INTRUSION

(31) Left

(32) Middle (33) Right

Front Seat	Fourth Seat
(11) Left	(41) Left
(12) Middle	(42) Middle
(13) Right	(43) Right
Second Seat	(97) Catastrophic
(21) Left	(98) Other enclosed
(22) Middle (23) Right	area (specify)
(20) Tilgill	(99) Unknown
Third Seat	(00) Chanowii

INTRUDING COMPONENT

Interior Components

- (01) Steering assembly
- (02) Instrument panel left
- (03) Instrument panel center
- (04) Instrument panel right
- (05) Toe pan
- (06) A (A1/A2)-pillar
- (07) B-pillar
- (08) C-pillar
- (09) D-pillar
- (10) Side panel forward of the A1/A2-pillar
- (11) Door panel (side)
- (12) Side panel rear of the B-pillar
- (13) Roof (or convertible top)
- (14) Roof side rail
- (15) Windshield
- (16) Windshield header
- (17) Window frame
- (18) Floor pan (includes sill)
- (19) Backlight header
- (20) Front seat back
- (21) Second seat back
- (22) Third seat back(23) Fourth seat back
- (24) Fifth seat back
- (25) Seat cushion
- (26) Back door/panel (e.g., tailgate)
- (27) Other interior component (specify):

Exterior Components

- (30) Hood
- (31) Outside surface of this vehicle (specify):
- (32) Other exterior object in the environment (specify):
- (33) Unknown exterior object
- (97) Catastrophic
- (98) Intrusion of unlisted component(s) (specify):
- (99) Unknown

MAGNITUDE OF INTRUSION

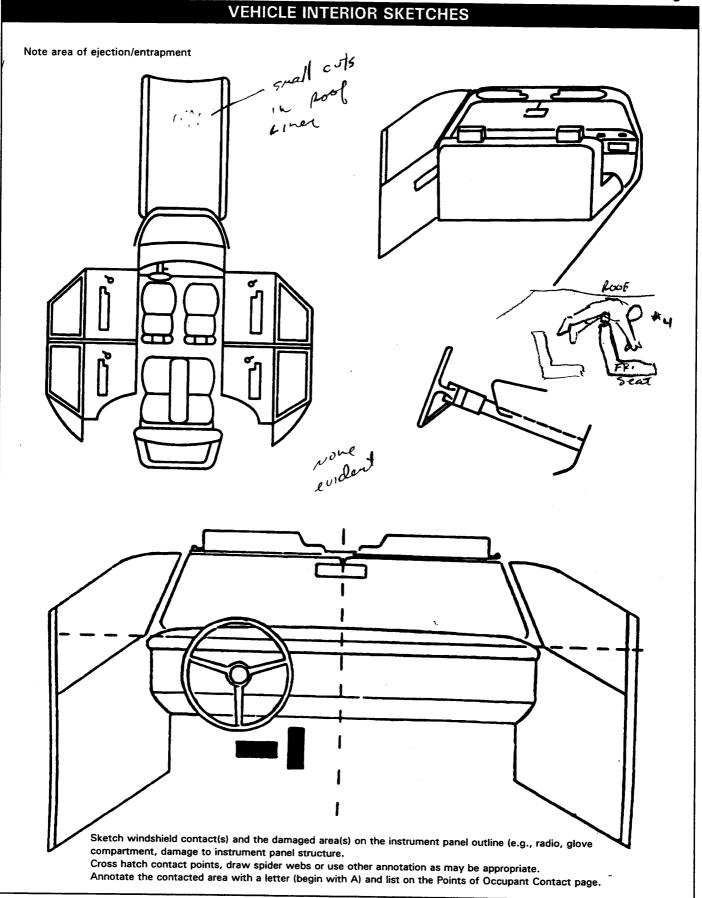
- (1) ≥ 3 centimeters but < 8 centimeters
- (2) ≥ 8 centimeters but < 15 centimeters
- (3) ≥ 15 centimeters but < 30 centimeters
- (4) ≥ 30 centimeters but < 46 centimeters
- (5) ≥ 46 centimeters but < 61 centimeters
- (6) ≥ 61 centimeters
- (7) Catastrophic
- (9) Unknown

DOMINANT CRUSH DIRECTION

- (1) Vertical
- (2) Longitudinal
- (3) Lateral
- (7) Catastrophic
- (9) Unknown

	(All M	easurements Are in (Centimeters)	•			
COMPARISON VALUE		DAMAGE VAL	.UE	=	DEFORMA	ATION	
				=			
				=			-
	_			=			
	_			=			
			٠				
·							
					·		

STEERING COLUMN		INSTRUMENT PANEL
87. Steering Column Type (1) Fixed column	2	92. Odometer Reading
(2) Tilt column	1	kilometers
(3) Telescoping column (4) Tilt and telescoping column	ĺ	Code to the nearest 1,000 kilometers (000) No odometer
(8) Other column type (specify):		(001) Less than 1,500 kilometers
(9) Unknown	ļ	(500) 499,500 kilometers or more
(9) Onknown	,	(999) Unknown -19.17 miles × 1.6093 = 191 , 782 kilometers
88. Tilt Steering Column Adjustment	1	Source:
(0) No tilt steering column		93. Instrument Panel Damage from
(1) Full up (2) Between full up and center		Occupant Contact?
(3) Center	1	(0) No (1) Yes
(4) Between center and full down		(9) Unknown
(5) Full down (9) Unknown		
(o) ommown	- 1	94. Type of Knee Bolster Covering (0) No knee bolster
OO Talaaaanina Oo laa oo laa oo laa		(1) Padded
89. Telescoping Steering Column Adjustment (0) No telescoping steering column	0	(2) Rigid plastic
(1) Full back	-	(8) Other (specify):(9) Unknown
(2) Between full back and midpoint	1	
(3) Midpoint(4) Between midpoint and full forward	ļ	95. Knee Bolsters Deformed from Occupant Contact?
(5) Full forward	ŀ	(0) No knee bolster
(9) Unknown		(1) No deformation
		(2) Yes - deformation (9) Unknown
90. Steering Rim/Spoke Deformation	<u>0</u>	
Code actual measured	_	96. Did Glove Compartment Door Open
deformation to the nearest centimeter (00) No steering rim deformation		During Collision(s)? (0) No glove compartment door
(01-14) Actual measured value in centimeters		(1) No - door did not open
(15) 15 centimeters or more(98) Observed deformation cannot be measure	od l	(2) Yes - door opened (9) Unknown
(99) Unknown	l	λ
	.	97. Adaptive (Assistive) Driving Equipment
91. Location of Steering Rim/Spoke	0	(0) No adaptive driving equipment (1) Adaptive driving equipment installed
Deformation		(Check all that apply.)
(00) No steering rim deformation		[] Hand controls for braking/acceleration[] Steering control devices (attached to OEM
Quarter Sections	ļ	steering control devices (attached to OEM
(01) Section A		[] Steering knob attached to steering wheel
(02) Section B (03) Section C		[] Low effort power steering (unit or device)[] Replacement steering wheel (i.e., reduced)
(04) Section D Upper	7	diameter)
Half Sections	ノー	[] Joy-stick steering controls [] Wheelchair tie-downs
(05) Upper half of rim/spoke		[] Modification to seat belts (specify):
(06) Lower half of rim/spoke	\	
(07) Left half of rim/spoke (eight) (08) Right half of rim/spoke th)	[] Additional or relocated switches (specify):
	/	[] Raised roof
(09) Complete steering wheel collapse (10) Undetermined location		[] Wall-mounted head rest (used behind wheelchair)
(99) Unknown		[] Other adaptive device (specify):
		(9) Unknown
		(C) CHAIDWII



	POINTS OF OCCUPANT CONTACT					
Contact	Interior Component Contacted	Occupant No. If Known	Body Region If			Confidence Level of Contact
A	Contacted	KIIOWII	Known	Supporting Physical I	Evidence	Point
В					Market Ma	
С						
D				Mark Property and the second		
E				part of the second		
F				and the second s		
G				and the second s		
Н					-	
ı						
J						
K						
L			- · · · · · · · · · · · · · · · · · · ·			
М						
N						
of codes 0 (007) Steering column,tra lever, othe (008) Cellular tel radio (009) Add on eq tapedeck, (010) Left instru- below (011) Center instru- below (012) Right instru- below (013) Glove com (014) Knee bolst (015) Windshield more of th- header, A (instrument steering as side only) (016) Windshield more of th- header, A (instrument (passenger (017) Windshield	wheel rim wheel hub/spoke wheel (combination wheel (combination out and out out and out out out out out out out out out out	LEFT SIDE (051) Left side excluding armrests (052) Left side armrests (053) Left A (A (054) Left B-pii (055) Other lef (056) Left side (057) Left side (058) Left side (059) Left side including following sill, A (A or roof si (060) Other left (specify): RIGHT SIDE (101) Right side excluding armrests (102) Right side armrest (103) Right A (A (104) Right B-p (105) Other rigl (106) Right side (107) Right side (107) Right side (108) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side (109) Right side	interior surface, ghardware or hardware or hardware or tal/A2)-pillar lar t pillar (specify): window glass window sill window glass one or more of the street from the side object e interior surface, hardware or a hardware or	INTERIOR (151) Seat, back support (152) Belt restraint webbing/buckle (153) Belt restraint B-pillar or door frame attachment point (154) Other restraint system component (specify): (155) Head restraint system (160) Other occupants (specify): (161) Interior loose objects (162) Child safety seat (specify): (163) Other interior object (specify): AIR BAG (170) Air bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag (specify) ROOF (201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (204) Roof right side rail (205) Roof or convertible top FLOOR (251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including console (253) Parking brake handle (254) Foot controls including parking brake	REAR (301) Backlight (rear (302) Backlight stora door, etc. (303) Other rear obje ADAPTIVE (ASSISTIVEQUIPMENT (401) Hand controls of braking/acceler (402) Steering control (attached to Olymheel) (403) Steering knob of steering wheel (405) Replacement storage (i.e., reduced of Joy stick steering wheel (407) Wheelchair tie- (408) Modification to (specify): (409) Additional or reswitches, (specify): (410) Raised roof (411) Wall mounted is (used behind we) (412) Other adaptive (specify): CONFIDENCE LEVEL (POINT (1) Certain (2) Probable (3) Possible	ge rack, ect (specify): (E) DRIVING for ation ol devices EM steering attached to teering wheel iameter) ing controls downs o seat belts, elocated cify): head rest wheel chair) device
UIS) Other from	coject (specify):	including following sill, A (A1 or roof sid (110) Other righ	one or more of the : frame, window I/A2)-pillar, B-pillar, de rail. nt side object	(205) Roof or convertible top FLOOR (251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including console (253) Parking brake handle (254) Foot controls including	POINT (1) Certain (2) Probable	OF CONTACT

MANUAL RESTRAINTS Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form. If a child safety seat is present, encode the data on the back of this page 11. If the vehicle has automatic restraints available, encode the appropriate data on page 6. Left Center Right A-Availability 4 3 4 F B-Evidence of usage 04 03 04 C-Used in this crash? 0 R **D-Proper Use** S 1 0 1 **E-Failure Modes** 0 F-Anchorage Adjustment 0 A-Availability 3 3 2 B-Evidence of usage クス SECOND 0 2 C-Used in this crash? 0 0 **D-Proper Use** 0 0 **E-Failure Modes** 0 F-Anchorage Adjustment 0 0 A-Availability **B-Evidence of usage** 0 T C-Used in this crash? Н **D-Proper Use** Ε **E-Failure Modes** F-Anchorage Adjustment A-Manual (Active) Belt System Availability D-Proper Use of Manual (Active) Belts F-Shoulder Belt Upper Anchorage Adjustment (0) None available (0) None used or not available No shoulder belt (1) Belt removed/destroyed (1) Belt used properly (1)No upper anchorage adjustment for Shoulder belt (2) (2)Belt used properly with child safety shoulder belt (3) Lap belt seat (4) Lap and shoulder belt Adjustable shoulder Belt Upper (5) Belt available - type unknown Belt Used Improperly Anchorage (3) Shoulder belt worn under arm (2)In full up position Integral Belt Partially Destroyed (4) Shoulder belt worn behind back or (3) In mid position (6) Shoulder belt (lap belt seat In full down position (4) destroyed/removed) (5) Belt worn around more than one (5) Position unknown Lap belt (shoulder belt person Unknown if position has adjustable destroyed/removed) (6) Lap belt worn on abdomen upper anchorage adjustment Other belt (specify): (7)Lap belt or lap and shoulder belt used improperly with child safety (9) Unknown seat (specify): (8) Other improper use of manual belt B/C-Manual (Active) Belt System Use system (specify): None used, not available, or belt (00)removed/destroyed (9) Unknown (01) Inoperable (specify): (02)Shoulder belt E-Manual (Active) Belt Failure Modes During (03)Lap belt Accident (04)Lap and shoulder belt (0) No manual belt used or not available (05)Belt used - type unknown (1)No manual belt failure(s) (08)Other belt used (specify): Torn webbing (stretched webbing (2)not included) (12)Shoulder belt used with child safety (3) Broken buckle or latchplate (4) Upper anchorage separated (13)Lap belt used with child safety seat (5) Other anchorage separated (14)Lap and shoulder belt used with (specify): child safety seat (6) Broken retractor (15)Belt used with child safety seat -Combination of above (specify): (7) type unknown Other belt used with child safety (18)(8) Other manual belt failure (specify): seat (specify): Unknown if belt used

(9)

Unknown

AUTOMATIC RESTRAINTS

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

AIR BAGS

		Frontal Air BagsLeft Front	Frontal Air Bags-Right Front	OtherAir Bag
F	Availability/Function			
R	Deployment			
T	Failure			

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

Non-functional

- (2) Air bag disconnected (specify):
- (3) Air bag not reinstalled
- (9) Unknown

Air Bag System Deployment (This Occupant Position)

- (0) Not equipped/not available
- Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (9) Unknown

AUTOMATIC BELTS

	Left	Right
A-Availability/Function		
F B-Use		
R C-Type		
T D-Proper Use		
E-Failure Modes		/

A-Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

B-Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

C-Automatic (Passive) Belt System Type

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

D-Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or

automatic shoulder belt used improperly with child safety seat (specify):

- (8) Other improper use of automatic belt system (specify):
- (9) Unknown

E-Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other automatic belt failure (specify):
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data *for the driver and first seat passenger* in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
A-Type of air bag?		
B-Flaps open at tear points?		
C-Flaps damaged?		
D-Air bag damaged?		
E-Source of air bag damage		
F-Air bag tethered?		
G-Air bag have vent ports?		
H-Other occupant contact air bag?		
I-Occupant wearing eyewear?		

A-Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

B-Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

C-Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

D-Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured -
- (03) Cut
- (04) Torn
- (05) Holed
- (06) Burned
- (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

E-Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

F-Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- (3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

G-Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

H-Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

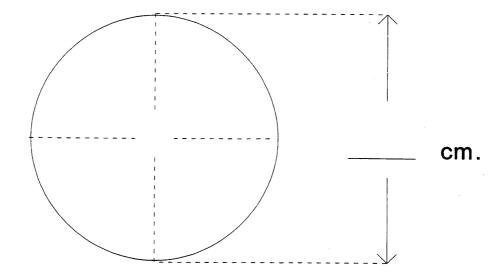
- (O) Not equipped/not available
- (1) No
- (2) Yes (specify):
- Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

I-Was This Occupant Wearing Eye-wear?

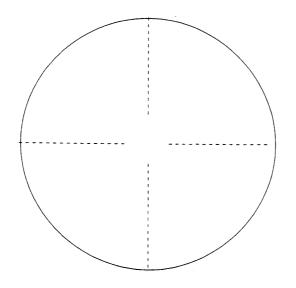
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



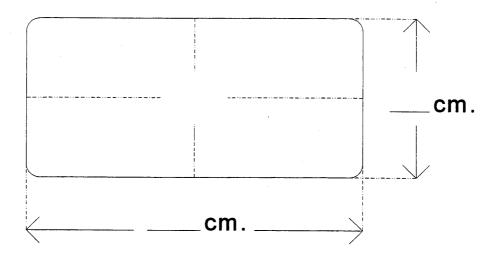
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



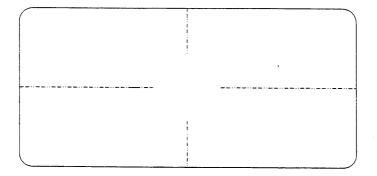
DRIVER AIR BAG SKETCHES (Cont'd)		
3. DRIVER AIR BAG MODULE COVER FLAP SIZE (SINGLE) width (W _U) width (W _L) height (H)	4. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap b. Lower Flap width (W _U) width (W _L) height (H _U) height (H _L)	
W_{U} H W_{L} W_{L}	W _u →	
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS	
7. SKETCH LOCATION OF CIRCULAR AIR BAG VENT		
PORTS 11 12 1 10 2 9 3 8 4 7 6 5		

PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



PASSENGER AIR BAG SKETCHES (Cont'd)		
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) width (W) height (H) H	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap width (Wu) height (Hu) Wu Hu Hu Hu Hu Hu Hu Hu Hu Hu	
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS	
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS		
10 11 12 1 2 9 3 8 7 6 5 4		

"OTHER" AIR BAG DAMAGE ANI	CONTACT SKETCHES				
1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)					
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" A	JR BAG (Back)				
2. Sketch Dawade AND CONTACT EVIDENCE ON CONTENT	5.10 (556)				
	•				
·					

	"OTHER" AIR BAG SKETCHES (Cont'd)					
3 6	3. SKETCH AIR BAG MODULE FLAP AND SIZE OR OPENING FOR AIRBAG					
J. ,						
4.	SKETCH AIR BAG VENT PORTS					
	•					

HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
	A-Head Restraint Type/Damage	3	0	3
_	B-Seat Type	67	07	07
F	C-Seat Orientation		<u> </u>	/
R S	D-Seat Track Position	6	6	6
T	E-Seat Back Incline Pre/Post Impact	23	<i>33</i>	23
	F-Seat Performance	1		
	A-Head Restraint Type/Damage	. 0	0	<u></u> 2
	B-Seat Type	03	0.3	٥ ٤
S E	C-Seat Orientation)		1
CO	D-Seat Track Position	1	(<u> </u>
N D	E-Seat Back Incline Pre/Post Impact	01	01	٥/
	F-Seat Performance			/
	A-Head Restraint Type/Damage			
т	B-Seat Type			
H	C-Seat Orientation			
R	D-Seat Track Position			
D	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance		\times	
	A-Head Restraint Type/Damage			
0	B-Seat Type			
T H	C-Seat Orientation			
E R	D-Seat Track Position			
.,	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance		·	

DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

HEAD RESTRAINTS/SEAT EVALUATION A-Head Restraint Type/Damage by E-Seat Back Incline Prior and Post Occupant at This Occupant Position Impact (0) No head restraints (00) Occupant not seated or no seat (1) Integral — no damage(2) Integral — damaged during (01) Not adjustable Upright prior to impact accident (11) Moved to completely rearward (3) Adjustable - no damage 14 13 15 position (4) Adjustable - damaged during Moved to rearward midrange 16 12 accident position (5) Add-on - no damage Moved to slightly rearward (6) Add-on - damaged during position accident Retained pre-impact position Other Moved to slightly forward (15)Specify): position (9) Unknown (16)Moved to forward midrange position Moved to completely forward position **B-Seat Type (this Occupant** Position) Slightly reclined prior to impact 24 (00) Occupant not seated or no 25 (21) Moved to completely rearward 22 seat 26 position (01) Bucket (22)Moved to rearward midrange (02) Bucket with folding back 21 position (03) Bench Retained pre-impact postion (23)(04) Bench with separate back (24)Moved to upright position cushions Moved to slightly forward (25)(05) Bench with folding back(s) position (06) Split bench with separate back (26)Moved to forward midrange cushions position (07) Split bench with folding Moved to completely forward back(s) position (08) Pedestal (i.e., column supported) Completely reclined prior to impact (09) Box mounted seat (i.e., van (31) Retained pre-impact position 34 33 type) 35 Moved to rearward midrange (32)(10) Other seat type (specify): 36 32 position (33)Moved to slightly rearward (99) Unknown position 37 (34)Moved to upright position (35)Moved to slightly forward position C-Seat Orientation (this Occupant (36)Moved to forward midrange Position) position (0) Occupant not seated or no Moved to completely forward seat position Forward facing seat Coding diagrams for Seat Back Incline (2)Rear facing seat (99) Unknown Side facing seat (inward) (3)Position Prior and Post Impact (4) Side facing seat (outward) (8) Other (specify): F-Seat Performance (this Occupant (9) Unknown Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) Seat adjusters failed (2) **D-Seat Track Adjusted Position Prior** (3) Seat back folding locks or "seat To Impact back" failed (specify): Occupant not seated or no (0)seat Seat tracks/anchors failed (1) Non-adjustable seat track (5)Deformed by impact of occupant (6)Deformed by passenger Adjustable Seat Track compartment intrusion

(specify):

Unknown

Other (specify):

Combination of above (specify):

(7)

(8)

(9)

Seat at forward most track

Seat between forward most and middle track positions

Seat at middle track position Seat between middle and rear

most track positions

Seat at rear most track

(2)

(3)

(5)

(6)

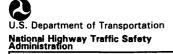
(9)

position

position Unknown

When a child safety seat is present enter the occupant's number in the first row and complete the column below the occupant's number using the codes listed below. Complete a column for each child safety seat present. Occupant Number 1. Type of Child Safety Seat Orientation 3. Child Safety Seat Harness Usage 4. Child Safety Seat Harness Usage 5. Child Safety Seat Shield Usage 6. Child Safety Seat Make/Model 7. Type of Child Safety Seat Make/Model 8. On thild safety seat (I) No child safety seat (I) Infant seat (I) Convertible seat (I) Convertible seat (I) Other type child safety seat (specify): (I) Unknown child safety seat (specify): (I) Unknown if child safety seat used (I) No child safety seat (I) On No child safety seat (specify): (I) Rear facing (I) Porward facing (I) Porward facing (I) Porward facing (I) Other orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (I) Rear facing (I) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (I) Rear facing (I) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (I) Rear facing (I) Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation (specify): (I) Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation (specify): (I) Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientation Unknown orientat	ĺ		Cl	HILD SAFE	TY SEAT F	IEL	D ASSE	SSMENT		
1. Type of Child Safety Seat Orientation 3. Child Safety Seat Harness Usage 4. Child Safety Seat Shield Usage 5. Child Safety Seat Tether Usage 6. Child Safety Seat Make/Model 1. Type of Child Safety Seat Specify Below for Each Child Safety Seat Make/Model 1. Type of Child Safety Seat (O) No child safety Seat (O) No child safety Seat (O) No child safety Seat (O) No child safety Seat (O) No child Safety Seat (O) No chi		Wh the	en a child safety seat is pre occupant's number using	sent enter the the codes list	occupant's no ed below. Co	umbe	er in the fi ete a colur	rst row and common for each of	omplete the co	olumn below eat present.
1. Type of Child Safety Seat Orientation 3. Child Safety Seat Harness Usage 4. Child Safety Seat Shield Usage 5. Child Safety Seat Tether Usage 6. Child Safety Seat Make/Model 1. Type of Child Safety Seat Specify Below for Each Child Safety Seat Make/Model 1. Type of Child Safety Seat (O) No child safety Seat (O) No child safety Seat (O) No child safety Seat (O) No child safety Seat (O) No child Safety Seat (O) No chi		Oc	cupant Number	(
2. Child Safety Seat Harness Usage 4. Child Safety Seat Shield Usage 5. Child Safety Seat Tether Usage 6. Child Safety Seat Make/Model 1. Type of Child Safety Seat (O) No child safety Seat (O) No			Type of Child							
3. Child Safety Seat Harness Usage 4. Child Safety Seat Shield Usage 5. Child Safety Seat Tether Usage 6. Child Safety Seat (I) No child safety Seat (I) Infant seat (I) Infant seat (I) Infant seat (I) Infant seat (I) Expected Seat (I) Infant seat (I) Inf		2.	Child Safety Seat							
4. Child Safety Seat Shield Usage 5. Child Safety Seat Tether Usage 6. Child Safety Seat Make/Model 1. Type of Child Safety Seat (O) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify): (8) Unknown child safety seat used (2) Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (02) Forward facing (03) Other orientation (specify): (09) Unknown orientation Designed for Forward Facing for This Age/Weight (111) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, (1) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, (1) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (22) Forward facing (23) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (22) Forward facing (23) Other orientation (specify):		3.	Child Safety Seat							
6. Child Safety Seat Make/Model 1. Type of Child Safety Seat (O) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used (OO) No child safety seat used (OO) No child safety seat (Designed for Rear Facing for This Age/Weight (O1) Rear facing (O2) Forward facing (O8) Other orientation (D9) Unknown orientation Designed for Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (23) Forward facing (24) Forward facing (25) Forward facing (26) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (22) Forward facing (23) Other orientation (specify):		4.	Child Safety Seat							
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(99) Unknown if child safety seat used		1. Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used 2. Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed for Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (23) Other orientation (specify): (29) Unknown orientation		- is	4. 5.	Child Sat Note: Op (00) No Not Desi (01) Aft add (02) Aft (03) Chi har (09) Uni add Designed (11) Hai (12) Hai (19) Un Unknow (21) Ha (22) Ha (29) Un (99) Un	fety Seat Shidety Seat Tetotions Below child safety seat Haded, not used er market had safety seat ness/shield/transs/shield/tra	eld Usage her Usage Are Used for seat arness/Shield/tress/shield/tress	Tether ether used of after market ther mer d ther used s/Shield/Tether d ther used ther used used	

EJECTION Describe in	No [X] Yes [ndications of ejection and		volved in parti	al ejection(s):	
	·					
	Occupant Number					
	Ejection					
(Note	e on Vehicle Interior Sketch) Ejection Area					
	Ejection Medium					
	Medium Status					
Ejection (1) Complete ejection (2) Partial ejection (3) Ejection, Unknown degree (9) Unknown		(7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown Ejection Medium			(5) Integral structure (8) Other medium (specify): (9) Unknown Medium Status (Immediately Prior to Impact)	
(1) Windshield(2) Left front(3) Right front(4) Left rear(5) Right rear(6) Rear		(2) Nonf (3) Fixed	 (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): 		(1) Open (2) Closed (3) Integral (9) Unknov	
	IENT No [] Yes	s (V) # 1	t got	Pi	uned	between
2	nt(s):					



OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number	OCCUPANT'S SEATING
	10. Occupant's Seat Position
2. Case Number - Stratum 096D	Front Seat
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number	(13) Right side
OCCUPANT'S CHARACTERISTICS	(14) Other (specify):
OCCOLANT S CHANACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify): (45) On or in the lap of another occupant
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown 70 inches X 2.54 = 177,8 centimeters	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999) Unknown 50	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify):

EJECTION/ENTRAPMENT				
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	<u> </u>	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown		
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	0	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or not oriented to time or place (2) Removed from vehicle due to perceived		
(0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown		serious injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (8) Removed from vehicle for other reasons (specify): (9) Unknown		

	BELT SYSTE	EM FUNCTION
18.	Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown	22. Manual Shoulder Belt Upper Anchorage Adjustment (0) No manual shoulder belt (1) No upper anchorage adjustment for manual shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position
	Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify):	(3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment
	(9) Unknown	23. Automatic (Passive) Belt System Availability/
19.	Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed (01) Inoperative (specify):	Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown
	(02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown	Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown
	(08) Other belt used (specify): (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat	24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use
	 (14) Lap and shoulder belt used with child safety seat (15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat 	(2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown
20.	(specify): (99) Unknown if belt used Proper Use of Manual (Active) Belts	25. Automatic (Passive) Belt System Type (O) Not equipped/not available (1) Non-motorized system
	(0) None used or not available (1) Belt used properly (2) Belt used properly with child safety seat	(2) Motorized system (9) Unknown 26. Proper Use of Automatic (Passive)
	Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat (5) Belt worn around more than one person	Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat
	 (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): (8) Other improper use of manual belt system 	Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person
	(specify): (9) Unknown	(6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or
21.	Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available	automatic shoulder belt used improperly with child safety seat (specify):
	(1) No manual belt failure(s)(2) Torn webbing (stretched webbing not included)	(8) Other improper use of automatic belt system (specify): (9) Unknown
	(3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify):	27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s)
	 (6) Broken retractor (7) Combination of above (specify): (8) Other manual belt failure (specify): 	(2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify):
	(9) Unknown	(6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):
		(9) Unknown

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	 31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Vehicle inspection [] Official injury data [] Driver/occupant interview [] Other (specify): [] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	 33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown

	FIRST SEAT FRONTAL AIR	BAG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag OOO Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36.	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
	Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available	(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed (8) Unknown if deployed (9) Unknown
	(00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39.	CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HEAD RESTRAINT AND SEAT EVALUATION
	49. Head Restraint Type/Damage by Occupant
44. Source of Air Bag Damage	at This Occupant Position
(00) Not equipped/not available	(0) No head restraints
(01) Not damaged	(1) Integral—no damage
(02) Object worn by occupant, (specify):	(2) Integral—damaged during accident
(03) Object carried by occupant, (specify):	(3) Adjustable—no damage
(03) Object carried by occupant, (specify).	(4) Adjustable – damaged during accident
(04) Adaptive/assistive controls, (specify):	(5) Add-on—no damage
(01) / (daptivo/docionivo dominolo) (dpdd.////	(6) Add-on—damaged during accident
(05) Fire in vehicle	(8) Other (specify):
(06) Thermal burns	(9) Unknown
(07) Rescue or emergency efforts	(0) Olikilowii
(88) Other damage source (specify):	50. Seat Type (this Occupant Position)
	(00) Occupant not seated or no seat
(95) Damaged, unknown source	(O1) Bucket
(96) Deployed, unknown if damaged	(O2) Bucket with folding back
(97) Not deployed (98) Unknown if deployed	(03) Bench
(99) Unknown	(04) Bench with separate back cushions
(OO) OHKHOWH	(05) Bench with folding back(s)
45. Was The Air Bag Tethered?	(06) Split bench with separate back cushions (07) Split bench with folding back(s)
	(08) Pedestal (i.e., column supported)
(0) Not equipped/not available (1) No	(09) Box mounted seat (i.e., van type)
(1) No (2) Yes (specify number of tether straps):	(10) Other seat type (specify):
(2) res (specify humber of tetrier straps).	
(3) Deployed, unknown if tethered	(99) Unknown
(7) Not deployed	1
(8) Unknown if deployed	51. Seat Orientation (this Occupant Position)
(9) Unknown	(0) Occupant not seated or no seat
46. Did The Air Bag Have Vent Ports?	(1) Forward facing seat (2) Rear facing seat
(0) Not equipped/not available	(3) Side facing seat (inward)
(1) No	(4) Side facing seat (inward)
(2) Yes (specify number of vent ports):	(8) Other (specify):
(3) Deployed, unknown if vent ports present	(9) Unknown
(7) Not deployed (8) Unknown if deployed	
(9) Unknown	52. Seat Track Adjusted Position Prior To Impact 6
(5) STIKIOWII	(0) Occupant not seated or no seat (1) Non-adjustable seat track
47. Was the Air Bag in this Occupant's Position	(1) Non-adjustable seat track
Contacted by Another Occupant?	Adjustable Seat Track
(0) Not equipped/not available	(2) Seat at forward most track position
(1) No	(3) Seat between forward most and middle track
(2) Yes (specify):	positions
(2) Deployed upknown if other assurant	(4) Seat at middle track position
(3) Deployed, unknown if other occupant contact to air bag	(5) Seat between middle and rear most track
(7) Not deployed	positions (6) Seet at root most track position
(8) Unknown if deployed	(6) Seat at rear most track position (9) Unknown
(9) Unknown	(5) CHRIGHTI
J	
48. Was This Occupant Wearing Eye-wear?	
(0) Not air bag equipped/air bag not available	
(1) No	
(2) Eyeglasses/sunglasses (3) Contact lenses	·
(4) Deployed, unknown if eyewear worn	
(7) Not deployed	
(8) Unknown if deployed	
(9) Unknown	

HEAD RESTRAINT AND SEAT EVALUATION continued

- 53. Seat Back Incline Prior and Post Impact
- 23 (00) Occupant not seated or no seat
 - (01) Not adjustable

Upright prior to impact

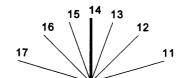
- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

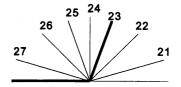
Slightly reclined prior to impact

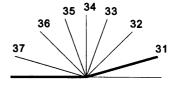
- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown
- 54. Seat Performance (this Occupant Position)
 - (0) Occupant not seated or no seat
 - (1) No seat performance failure(s)
 - (2) Seat adjusters failed
 - (3) Seat back folding locks or "seat back" failed (specify):
 - (4) Seat track/anchors failed
 - (5) Deformed by impact of occupant
 - (6) Deformed by passenger compartment intrusion, (specify):
 - (7) Combination of above (specify):
 - (8) Other (specify):
 - (9) Unknown







	CHILD SA	FETY SEAT
55.	Child Safety Seat Make/Model (000) No child safety seat	58. Child Safety Seat Harness Usage
i i	Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify):	59. Child Safety Seat Shield Usage
56.	(998) Unknown make/model (999) Unknown if child safety seat used Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield	Note: Options below applicable to Variables OA58-OA60. (00) No child safety seat Not Designed With Harness/Shield/Tether (01) After market harness/shield/tether added, not used (02) After market harness/shield/tether used (03) Child safety seat used, but no after market harness/shield/tether added
	 (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used 	(09) Unknown if harness/shield/tether added or used Designed With Harness/Shield/Tether (11) Harness/shield/tether not used (12) Harness/shield/tether used
57.	Child Safety Seat Orientation (00) No child safety seat	(12) Harness/shield/tether used (19) Unknown if harness/shield/tether used Unknown If Designed With Harness/Shield/Tether
	Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify):	(21) Harness/shield/tether not used (22) Harness/shield/tether used (29) Unknown if harness/shield/tether used
	(09) Unknown orientation	(99) Unknown if child safety seat used
	Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation	
	Unknown Design or Orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify):	
	(29) Unknown orientation	
	(99) Unknown if child safety seat used	

IN HIDY CONSEQUENCES	, age
INJURY CONSEQUENCES	4
61. Injury Severity (Police Rating)	63. Type Of Medical Facility (for Initial Treatment)
(O) O - No injury	(0) Not treated at a medical facility
(1) C - Possible injury	(1) Trauma center
(2) B - Nonincapacitating injury	(2) Hospital
(3) A - Incapacitating injury	(3) Medical clinic
(4) K - Killed	(4) Physician's office
(5) U - Injury, severity unknown	(5) Treatment later at medical facility
(6) Died prior to accident	(8) Other (specify):
(9) Unknown	(9) Unknown
	(5) OHKHOWH
62. Treatment - Mortality	64. Hospital Stay
(0) No treatment	(00) Not Hospitalized
(1) Fatal	Code the number of days (up through 60)
(2) Fatal - ruled disease (specify):	that the occupant stayed in hospital.
	(61) 61 days or more
Nonfatal	(99) Unknown
(3) Hospitalization	0.7
(4) Transported and released	65. Working Days Lost 9
(5) Treatment at scene - nontransported	Code the number of days
(6) Treatment later	(up through 60) that the occupant
(7) Treatment - other (specify):	lost from work due to the accident (00) No working days lost
(0)	(61) 61 days or more
(8) Transported to a medical facility-unknown if	(62) Fatally injured
treated (9) Unknown	(97) Not working prior to accident
(5) CHRIOWII	(99) Unknown
EMERCENCY RECO	NOT INFORMATION
	DNSE INFORMATION
EMS Notification (1) Not notified ROAD VEHICLE	EMS Type (01) Fire department FIRST TRANSPORTING UNIT TRANSPORTING
(2) Notified	(02) Rescue squad
(9) Unknown AIR VEHICLE	(03) Police department ROAD VEHICLE
	(04) Trauma unit
EMS NotificationTime (first unit)	(05) Disaster unit AIR VEHICLE (06) Ambulance service unit
(9999) Unknown ROAD VEHICLE	(07) Hospital
	(08) Mortuaries/funeral homes
AIR VEHICLE	(98) Other, specifiy:
EMS Arrival Time (first unit)	(99) Unknown
(9998) EMS cancelled or did ROAD VEHICLE	
not arrive	EMS Care
(9999) Unknown	(01) No care administered ON-SCENE TRANSPORT
	(02) First aid (03) Resuscitation ROAD VEHICLE
EMS Departure Time To	(04) CPR
Treatment Facility (transporting unit)	(05) Emergency cardiac care
(9997) EMS arrived, provided	(06) Life support system monitoring (blood pressure.
treatment, but did not AIR VEHICLE transport	pulse rate, respiration, EKG)
(9998) EMS arrived, but was	(07) Emergency burn care (08) Combination of above, specify:
not used	(98) Other, specify:
(9999) Unknown	(99) Unknown
EMS Arrival Time At	
Treatment Facility	
(9999) Unknown	
AIR VEHICLE	

TO BE CODED BY THE ZONE CENTER

	INJURY CONSEQUENCES	TRAUMA DATA
66.	Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
1	1st Medically Reported Cause of Death	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given
1	21d Medically Reported Cause of Death	(specify units):(9) Unknown if blood given
69.	3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
	(97) Other result (includes fatal ruled	
	disease) (specify):	BELT USE DETERMINATION
70.	Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used
L		



U.S. Department of Transportation National Highway Traffic Safety Administration

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

1. Occupant Number

2. Case Number - Stratum

1. Occupant Number

2. Case Number - Stratum

2. Case Number - Stratum

2. Case Number - Stratum

3. Vehicle Number

4. Occupant Number

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	A.I.S 90 Source Type of Specific								Injury		Occupa	
	of I	njury B	Type of ody Anatomic ody Structure	c Anatomic		el of A.i.S		et.	Injury Source	Source Confidence Level	Direct/ e Indirect Injury	Area Intrusio
		con										Numbe
1st	5	<u>7</u> 6.,	1 7.9	8. <u>04</u>	9. <u>(</u>	<u>)_2 10./</u>	<u>ک.</u>	- 12.	205	- 13. <u>/</u>	14	15. <u>0</u> /
ho	ad ,	ohr	,									
2nd	16	7 17.	7 18. <u>9</u>	19. <u>02</u>	20	<u>1</u> 2 21. <u>/</u>	22.4	23.	205		_{25.} <u>/</u>	_{26.} ර/_
Los	u,	lac										
3rd	27	7 28.	<u>7</u> 29. <u>9</u>	30. <u>06</u>	31. 🖊	<u>2</u> 32/	ا _{33.} <u>ا</u>	34.	<u>602</u>	35. 2	_{36.} <u>ජ</u>	37. <u>OO</u>
4th	38	_ 39.	40	41	42	43	44	45.		46	47	48
5th	49	_ 50	51	52	53	54	55	56.		57	58	59
6th	60	_ 61	62	63	64	65	66	67.		68	69	70
7th	71	_ 72	73	74	75	76	^{77.} —	78.		79	80	81
8th	82	_ 83	84	85	86	87	88	89.		90	91	92
9th	93	_ 94	95	96	97	98	99,	100.		101	102 1	03
Oth	104	105	106	107 1	08	109.	110.	111	1	112 -	112 1	14

HS Form 433B (1/96)

This report is authorized by P.L. 89-563, Title 1, Section 106, 108, and 112. While you are not required to respond, your cooperation is needed to make the results of this data collection effort comprehensive, accurate, and timely.

					JPANT	INJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th	_	—	_			_					
12th	_					_	_		_		
13th	_		_			_	_		_	—	
14th	_	_	_				_		_	—	<u> </u>
15th	_	_		<u> </u>	<u>-</u>	—	_				
16th	_		_							—	
17th		_	 -			_			_		
18th			_				_		_	_	
19th	_						_				
20th		_				—			<u> </u>		
21st 22nd	_	_	_		——	<u></u>	_		_		
23rd					<u>— —</u>	_				_	
24th	_						_		_	_	
25th	_								—		

DIRECT/INDIRECT INJURY

OCCUPANT INJURY CLASSIFICATION **Body Region Specific Anatomic** Level of Injury **Aspect** Structure Head (1) Specific injuries are (1)Right (2) Face assigned consecutive (2)Left (3)Neck Vessels, Nerves, Organs. two-digit numbers (3)Bilateral (4)Thorax Bones, Joints are assigned beginning with 02. (4)Central (5) Abdomen consecutive two digit (5)Anterior (6)Spine numbers beginning with To the extent possible, (6)Posterior (7)**Upper Extremity** within the organizational (7)Superior (8) Lower Extremity framework of the AIS, 00 (8) Inferior (9)Unspecified The exceptions to this rule is assigned to an injury (9)Unknown apply to: NFS as to severity or Whole region **(O)** where only one injury is Type of Anatomic Whole Area given in the dictionary for Structure (02) Skin - Abrasion (04) Skin - Contusion that anatomic structure. 99 is assigned to any Whole Area (1) (06) Skin - Laceration injury NFS as to lesion or (2)Vessels (08) Skin - Avulsion severity. (3)Nerves (10) Amputation (4) Organs (includes (20) Burn **Abbreviated Injury Scale** Muscles/ligaments) (30)Crush (5)Skeletal (includes (40)Degloving (1) Minor Injury ioints) (50)Injury - NFS (2)Moderate Injury (90) Trauma, other than (6)Head - LOC (3) Serious Injury (9) Skin mechanical (4)Severe Injury Critical Injury (5) Head - LOC (6) Maximum (02) Length of LOC (untreatable) (7)Injured, unknown (04) Level severity (06) of (08) Consciousness (10) Concussion **Spine** (02) Cervical (04) Thoracic (06) Lumbar

	MODITI GOGITOL	DIRECT/INDIRECT INJURY
	CONFIDENCE LEVEL	
OFFICIAL RECORDS (1) Autopsy records with or without hospital/medical records (2) Hospital/medical records other than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic	(1) Certain(2) Probable(3) Possible(9) Unknown	(1) Direct contact injury (2) Indirect contact injury (3) Noncontact injury (7) Injured, unknown source
UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify):		

INJURY SOURCE

SOURCE OF INJURY DATA

			INJURY	SOUF	RCES		
FRON	•	(102)) Right side hardware or	(183)) Air bag-passenger side and	(411)	Wall mounted head rest
	Windshield		armrest		object held	(** • · · ,	(used behind wheel chair)
	Mirror	(103)	Right A (A1/A2)-pillar	(184)) Air bag-passenger side and	(412)	Other adaptive device
	Sunvisor) Right B-pillar		object in mouth	* * *	(specify):
	Steering wheel rim	(105)	Other right pillar (specify):	(185)) Air bag compartment		(Specify).
	Steering wheel hub/spoke				cover-passenger side		
(006)	Steering wheel (combination	(106)	Right side window glass	(186)) Air bag compartment	EXTE	RIOR of OCCUPANT'S
	of codes 004 and 005)		Right side window frame		cover-passenger side and	VEHIC	
(007)	Steering column,	(108)			eyewear		Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment		Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and	١٠	outside mirror, antenna)
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment	***	tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.	•	cover-passenger side and		tires topeciny.
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below			• • .	cover-passenger side and	(40-,	Unknown exterior objects
(011)	Center instrument panel and		***		object in mouth	CALEL	CON OF OTHER MOTOR
	below	INTER	HOR	(190)	Other air bag (specify)	VEHIC	RIOR OF OTHER MOTOR
(012)	Right instrument panel and		Seat, back support	1	Other an bay topoot, y,		
	below		Belt restraint webbing/buckle	(195)	Other air bag compartment		Front bumper
(013)	Glove compartment door		Belt restraint B-pillar or door	(100,	cover (specify)		Hood edge
	Knee bolster	• • •	frame attachment point		Cover (specify)	(503)	Other front of vehicle
	Windshield including one or	(154)	Other restraint system				(specify):
•	more of the following: front	***	component (specify):	ROOF	•	:754	
	header, A (A1/A2)-pillar,		Component tapechy,			(504)	
	instrument panel, mirror, or	(155)	Head restraint system		Front header		Hood ornament
	steering assembly (driver		Other occupants (specify):		Rear header		Windshield, roof rail, A-pillar
	side only)	1100,	Other occupants (specify).		Roof left side rail		Side surface
	Windshield including one or	/161)	to the terms shipped		Roof or appropriate to a		Side mirrors
	more of the following: front		Interior loose objects Child safety seat (specify):	(205)	Roof or convertible top		Other side protrusions
	header, A (A1/A2)-pillar,	(162)	Child safety seat (specify):	20°			(specify):
		'1 E 3		FLOOR			
	instrument panel, or mirror	(163)	Other interior object		Floor (including toe pan)		Rear surface
	(passenger side only) Windshield reinforced by		(specify):		Floor or console mounted	(511)	Undercarriage
					transmission lever, including		Tires and wheels
	exterior object (specify)	· · · · · · · · · · · · · · · · · · ·			console		Other exterior of other motor
		AIR BA			Parking brake handle		vehicle (specify):
(O15)	Other front object (specify):		Air bag-driver side	(254)	Foot controls including		
		(171)	Air bag-driver side and		parking brake	(514)	Unknown exterior of other
			eyewear		• -		motor vehicle
LEFT SI		(172)	Air bag-driver side and	REAR			motor volucio
	Left side interior surface,		jewelry	(301)	Backlight (rear window)	OTHER	R VEHICLE OR OBJECT IN
	excluding hardware or	(173)	Air bag-driver side and object		• • • • • • • • • • • • • • • • • • • •		NVIRONMENT
	armrests		held .	•	door, etc.		Ground
	Left side hardware or	(174)	Air bag-driver side and object		Other rear object (specify):		
	armrest		in mouth	•-	Onio 1001 00,000 10p,		Other vehicle or object
(053)	Left A (A1/A2)-pillar		Air bag compartment				(specify):
	Left B-pillar		cover-driver side	ADAP ⁷	TIVE (ASSISTIVE) DRIVING	/EQQ)	Material and Spines
(055)	Other left pillar (specify):		Air bag compartment	EQUIPN		(555)	Unknown vehicle or object
			cover-driver side and		Hand controls for	NONC	
(056)	Left side window glass		eyewear				ONTACT INJURY
	Left side window frame		Air bag compartment		braking/acceleration Steering control devices		Fire in vehicle
(058) L	Left side window sill		cover-driver side and jewelry		Steering control devices		Flying glass
	Left side window glass		Air bag compartment		(attached to OEM steering		Other noncontact injury
	including one or more of the		cover-driver side and object		wheel)	;	source
	following: frame, window		held		Steering knob attached to		(specify):
	sill, A (A1/A2)-pillar, B-pillar,				Steering wheel		Air bag exhaust gases
	or roof side rail.		Air bag compartment		Replacement steering wheel		Injured, unknown source
	Other left side object		cover-driver side and object		(i.e., reduced diameter)		
	(specify):		in mouth		Joy stick steering controls		
	specify.		Air bag-passenger side		Wheelchair tie-downs		•
-			Air bag-passenger side and		Modification to seat belts,		
RIGHT S	eine		Air has pessenger side and		(specify):		
	Right side interior surface,		Air bag-passenger side and		Additional or relocated		
	excluding hardware or	J	jewelry	•	switches, (specify):		
	ACIDONIA DELOMENCE OF						
	armrests				Raised roof		

	Z
	iuonai Accident sampling system-Crashworthiness Data System: Occupant Injury Form

OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

___ No ___ Yes

Restrained?

Blood Alcohol Level (mg/dl)

BAL = ____

Glasgow Coma Scale Score

GCSS = ____

Units of Blood Given

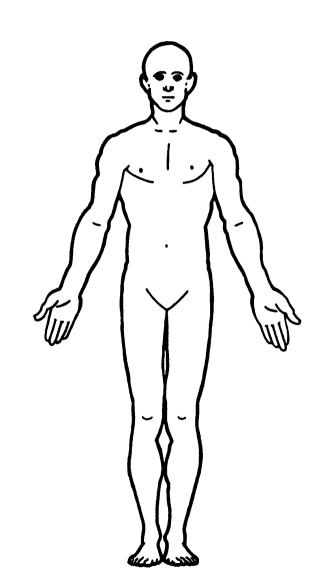
Units = ____

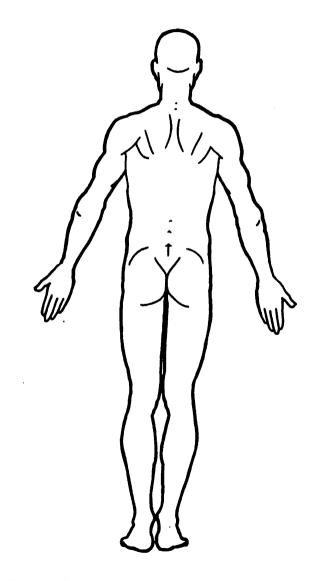
Arterial Blood Gases

pH = __.__

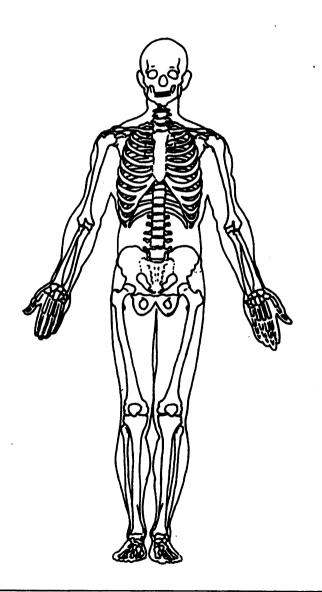
PCO₂

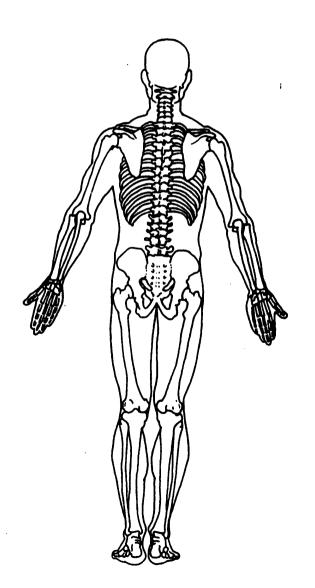
HCO3 ____





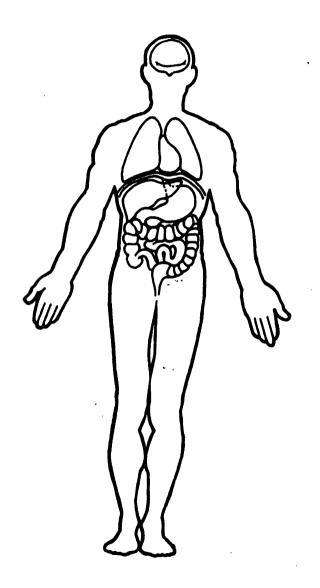
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

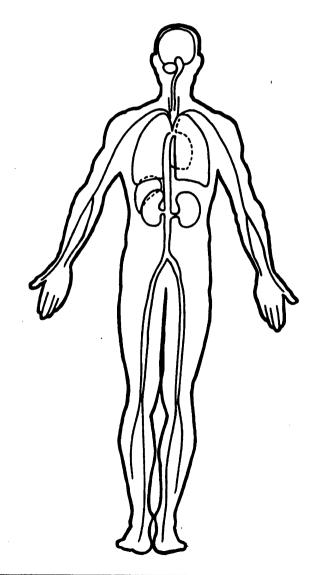




OFFICIAL INJURY DATA —INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)







OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

dministration	CRASHWORTHINESS DATA STSTEM
1. Primary Sampling Unit Number	OCCUPANT'S SEATING
2. Case Number - StratumO	10. Occupant's Seat Position
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number <u>0</u> 2	(13) Right side (14) Other (specify):
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown 10 inches X 2.54 = 177.8 centimeters	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999) Unknown 155 pounds X .4536 = 70.3 kilograms 9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

	EJECTION/ENTRAPMENT					
	Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	_0	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained			
14.	(1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify):	<u>8</u>	(2) Could not exit vehicle due to jammed doors, fire, etc. (specify):			
	(9) Unknown					

BELT SYSTEM FUNCTION						
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/rem (7) Lap belt (shoulder belt destroyed/rem (8) Other belt (specify): (9) Unknown	(9) Unknown if position has adjustable upper anchorage adjustment 23. Automatic (Passive) Belt System Availability/	0				
19. Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed (01) Inoperative (specify): (02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown (08) Other belt used (specify): (12) Shoulder belt used with child safety (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with chi safety seat (15) Belt used with child safety seat—ty (18) Other belt used with child safety se (specify): (99) Unknown if belt used 20. Proper Use of Manual (Active) Belts (0) None used or not available (1) Belt used properly (2) Belt used properly with child safety se **Belt Used Improperly** (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or se (5) Belt worn around more than one pers (6) Lap belt worn on abdomen	(2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown 25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system (3) Unknown 26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with	0				
(7) Lap belt or lap and shoulder belt user improperly with child safety seat (spinor): (8) Other improper use of manual belt sy (specify): (9) Unknown 21. Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other manual belt failure (specify): (9) Unknown	(3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): (8) Other improper use of automatic belt system (specify): (9) Unknown 27. Automatic (Passive) Belt Failure Modes					

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (O) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Vehicle inspection [] Official injury data [Driver/occupant interview [] Other (specify): [] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown

	FIRST SEAT FRONTAL AIR E	BAG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag - Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36.	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	 41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
	Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available	(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed (8) Unknown if deployed (9) Unknown
	Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39.	(O) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued		HEA	D RESTRAINT AND SEAT EVALUATION
		=	49. H	lead Restraint Type/Damage by Occupant
44.	Source of Air Bag Damage	_	a	t This Occupant Position
	(00) Not equipped/not available	į	•	O) No head restraints
	(01) Not damaged (02) Object worn by occupant, (specify):			1) Integral—no damage
	(02) Object World by occupant, toposity.			2) Integral—damaged during accident 3) Adjustable—no damage
	(03) Object carried by occupant, (specify):	- 1		4) Adjustable—no damage 4) Adjustable—damaged during accident
		l		5) Add-on—no damage
	(04) Adaptive/assistive controls, (specify):	ı		6) Add-on-damaged during accident
	(05) Fire in vehicle		(8	B) Other (specify):
	(06) Thermal burns		(9	9) Unknown
	(07) Rescue or emergency efforts		,	. 7
	(88) Other damage source (specify):			eat Type (this Occupant Position)
	(95) Damaged, unknown source			00) Occupant not seated or no seat
	(96) Deployed, unknown if damaged		•	01) Bucket 02) Bucket with folding back
	(97) Not deployed			03) Bench
	(98) Unknown if deployed	l		04) Bench with separate back cushions
	(99) Unknown		((05) Bench with folding back(s)
	Î.	١١		06) Split bench with separate back cushions
45.	Was The Air Bag Tethered?	_		07) Split bench with folding back(s)
1	(0) Not equipped/not available			08) Pedestal (i.e., column supported) 09) Box mounted seat (i.e., van type)
	(1) No			10) Other seat type (specify):
	(2) Yes (specify number of tether straps):			
	(3) Deployed, unknown if tethered		(9	99) Unknown
	(7) Not deployed		51 S	Seat Orientation (this Occupant Position)
	(8) Unknown if deployed (9) Unknown	- 1		0) Occupant not seated or no seat
		اه		1) Forward facing seat
46.	Did The Air Bag Have Vent Ports?	2		2) Rear facing seat
	(0) Not equipped/not available (1) No			3) Side facing seat (inward)
	(2) Yes (specify number of vent ports):			4) Side facing seat (outward) 8) Other (specify):
	(3) Deployed, unknown if vent ports present (7) Not deployed	l	(9) Unknown
	(8) Unknown if deployed	1	F2 S	Seat Track Adjusted Position Prior To Impact $ arphi $
	(9) Unknown			0) Occupant not seated or no seat
		οl		1) Non-adjustable seat track
47.	was the All Bay in this Occupant's Position	<u>~</u>		·
	Contacted by Another Occupant? (0) Not equipped/not available	J		Adjustable Seat Track
	(1) No			Seat at forward most track position Seat between forward most and middle track
	(2) Yes (specify):	ŀ	1.	positions
l			(-	4) Seat at middle track position
l	(3) Deployed, unknown if other occupant contacts air has	t		5) Seat between middle and rear most track
	to air bag (7) Not deployed			positions
	(8) Unknown if deployed			6) Seat at rear most track position 9) Unknown
l	(9) Unknown		١	9) Olikilowii
40	Was This Occupant Wasning Eva wasn?)		
48.	Was This Occupant Wearing Eye-wear? (0) Not air bag equipped/air bag not available	_		
	(1) No	ļ		
	(2) Eyeglasses/sunglasses	J		
	(3) Contact lenses	J		
	(4) Deployed, unknown if eyewear worn			
	(7) Not deployed(8) Unknown if deployed	ŀ		
	(9) Unknown			

LIEAD DECEDAINT	AND SEAT EVALUATION	continued
HEAD RESTRAINT	AND SEAT EVALUATION	i comunuea

53. Seat Back Incline Prior and Post Impact



- (00) Occupant not seated or no seat
- (01) Not adjustable

Upright prior to impact

- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

Slightly reclined prior to impact

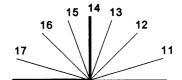
- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

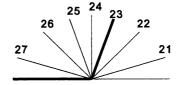
Completely reclined prior to impact

- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown
- 54. Seat Performance (this Occupant Position)



- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify):
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion, (specify):____
- (7) Combination of above (specify):
- (8) Other (specify):
- (9) Unknown







	С	HILD SAF	ETY	SEA	AT	
	Obild Cafeer Coat Make /Madel	2/10/20	E0	Child	Sofaty Soat Harmon Linear	$\triangle \omega$
55.	Child Safety Seat Make/Model	2002	58.	Chila	Safety Seat Harness Usage	_00_
	(000) No child safety seat Applicable codes are found in your NASS	CDS	İ			
	Data Collection, Coding and Editing	CDS	59.	Child	Safety Seat Shield Usage	$\mathcal{O}\mathcal{O}$
	(950) Built-in child safety seat		00.	Orma	Surety Sout Simola Souge	
	(997) Other make/model (specify):					٠ - ١
			60.	Child	Safety Seat Tether Usage	<u> </u>
	(998) Unknown make/model					
	(999) Unknown if child safety seat used		1		: Options below applicable to	
					bles OA58-OA60.	
EC	Time of Child Sefety Seet	0		(00)	No child safety seat	
56.	Type of Child Safety Seat (0) No child safety seat	<u>U</u>		Not I	Designed With Harness/Shield/Te	athar
	(1) Infant seat		ł		After market harness/shield/teth	
	(2) Toddler seat		l	(01)	added, not used	101
:	(3) Convertible seat			(02)	After market harness/shield/teth	ner used
	(4) Booster seat - with shield				Child safety seat used, but no a	
	(5) Booster seat - without shield				harness/shield/tether added	
	(7) Other type child safety seat (specify):			(09)	Unknown if harness/shield/tethe	er
					added or used	
	(8) Unknown child safety seat type					
	(9) Unknown if child safety seat used				nned With Harness/Shield/Tether	•
l			•		Harness/shield/tether not used Harness/shield/tether used	
57	Child Safety Seat Orientation	00			Unknown if harness/shield/tethe	er used
37.	(00) No child safety seat			(15)	Olikilowii ii mariless/sillelu/tetile	si useu
	(oo, no oma datoty oddt			Unkn	own If Designed With Harness/S	Shield/Tether
	Designed for Rear Facing for This Age/We	eight			Harness/shield/tether not used	
	(01) Rear facing	_	1	(22)	Harness/shield/tether used	
	(02) Forward facing			(29)	Unknown if harness/shield/tethe	er used
	(08) Other orientation (specify):					
Ī	(09) Unknown orientation			(99)	Unknown if child safety seat us	ed
	(09) Unknown orientation		l			
	Designed For Forward Facing for This Age	e/Weiaht				
	(11) Rear facing	.,				
	(12) Forward facing					
	(18) Other orientation (specify):					
	(19) Unknown orientation					
	Unknown Design or Orientation For This					
	Age/Weight, or Unknown Age/Weight					
	(21) Rear facing					
	(22) Forward facing		ļ			
	(28) Other orientation (specify):				•	
	(00)					
	(29) Unknown orientation					
	(99) Unknown if child safety seat used					
	(22, 2 Sima datoty dout used					
			1			
			1			

vatio	onal Accident Sampling System-Crashworth	illess Dat	ata System. Occupant Assessment Form	rage
_	INJURY CONSEQUENCES			
61.	Injury Severity (Police Rating)	△	- 63. Type Of Medical Facility (for Initial Treatment	<u>O</u>
	 (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown 		 (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify): (9) Unknown 	
62.	Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):	<u>U</u>	64. Hospital Stay (00) Not Hospitalized Code the number of days (up through 6 that the occupant stayed in hospital. (61) 61 days or more	0)
	Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify): (8) Transported to a medical facility-unkno treated (9) Unknown	wn if	(99) Unknown 65. Working Days Lost Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown	77
	EMERGENC'	Y RESPO	PONSE INFORMATION	
	EMS Notification (1) Not notified	ROAD VĒHIČLĒ	EMS Type FIRST TRANSP (O1) Fire department UNIT TRANSP	PORTING

ion .	EMS Type FIRST TRANSPOR
tified ROAD VEHICL	(61) The department
d	(02) Rescue squad
WN AIR VEHICLE	(00) Tolice department
	(04) Trauma unit
	(05) Disaster unit
ionTime (first unit)	(06) Ambulance service unit
NOWN ROAD VEHICLE	(07) Hospital
	(08) Mortuaries/funeral homes
AIR VEHICLE	(98) Other, specifiy:
	(99) Unknown
ime (first unit)	• •
S cancelled or did	
arrive	EMS Care
AIR VEHICLE	(01) No care administered ON-SCENE TRANSP
	(02) First aid
	(03) Resuscitation ROAD VEHICLE
e Time To	(04) CPR
cility (transporting unit)	(05) Emergency cardiac care
S arrived, provided	(06) Life support system monitoring (blood pressur
itment, but did not	pulse rate, respiration, EKG)
sport	(O7) Emergency burn care
S arrived, but was	(08) Combination of above, specify:
used	(98) Other, specify:
ime At	(99) Unknown

TO BE CODED BY THE ZONE CENTER

	IN HIDY CONSEQUENCES	TRAUMA DATA
66.	Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	
68. 69.	2nd Medically Reported Cause of Death 3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify): (97) Other result (includes fatal ruled disease) (specify): (99) Unknown Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given 73. Arterial Blood Gases (ABG) - HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured BELT USE DETERMINATION 74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used



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Administration

U.S. Department of Transportation

National Highway Traffic Safety

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

/3

3. Vehicle Number

 $\frac{OI}{Oa}$

2. Case Number - Stratum

096D

4. Occupant Number

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	-	y Body Region	Type of Anatomic Structure	A.I.S S Specific Anatomic Structure	Level of	A.I.S. Severity	Aspect		Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	
elfe 1st	100 a 5. 7	6.Z	7.9	8.02	9. <u>02</u>							
2nd	16	17	18	19	20	21,	22	23.		24	25	26
3rd	27	28	29	30	31	32	33	34.		35	36	37
4th	38	39	40	41,	42	43	44	45.		46	47	48
5th	49	50	51	52	53	54	55	56.		57	58	59
6th	60	61	62	63	64	65	66	67.		68	69	70
7th	71	72	73	74	75	76	77	78.		79	80	81
8th	82	83	84	85	86	87	88	89.		90	91	92
9th	93	94	95	96	97	98	99 1	100.		101	102	103
10th	104 1	05	106 1	07	108	109	110 1	111.		112	113 1	114

HS Form 433B (1/96)

This report is authorized by P.L. 89-563, Title 1, Section 106, 108, and 112. While you are not required to respond, your cooperation is needed to make the results of this data collection effort comprehensive, accurate, and timely.

				occ	UPANT I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th	_		_				_				
12th						_	_				
13th	_	_	_			_	-		<u>—</u>		
14th	_	_							_	<u></u>	
15th							_		_		
17th	— —	_	_ 				_				
18th	-						_		_		
19th	_	<u> </u>	_						<u> </u>	_	
20th		_	-			_	_		—		
21st	—	_	<u></u>						_	—	
22nd	_		_			_	_		_	_	
23rd 24th							_		_		
25th	_		_				_				

OCCUPANT INJURY CLASSIFICATION Body Region Specific Anatomic Level of Injury **Aspect** Structure Head Specific injuries are Right (2) Face assigned consecutive (2)Left (3)Neck Vessels, Nerves, Organs. two-digit numbers (3) Bilateral (4)Thorax Bones, Joints are assigned beginning with 02. (4)Central (5)Abdomen consecutive two digit (5) Anterior numbers beginning with (6) (6)Spine To the extent possible, Posterior Upper Extremity (7)within the organizational (7)Superior Lower Extremity (8)framework of the AIS, 00 (8)Inferior Unspecified (9) The exceptions to this rule is assigned to an injury (9) Unknown apply to: NFS as to severity or (0) Whole region where only one injury is Type of Anatomic Whole Area given in the dictionary for Structure (02) Skin - Abrasion that anatomic structure. (04) Skin - Contusion 99 is assigned to any (06) Skin - Laceration Whole Area injury NFS as to lesion or (2) Vessels (08) Skin - Avulsion severity. (10) Amputation Nerves (3)(4) Organs (includes (20) Burn **Abbreviated Injury Scale** Muscles/ligaments) (30)Crush (5) Skeletal (includes (40)Degloving (1)Minor Injury (50) Injury - NFS ioints) (2) Moderate Injury Head - LOC (6)(90) Trauma, other than (3) Serious Injury (9) Skin mechanical (4) Severe Injury Critical Injury (5) Head - LOC (6)Maximum (02) Length of LOC (untreatable) (7)Injured, unknown (04) Level severity (06) of (08) Consciousness (10) Concussion

Spine

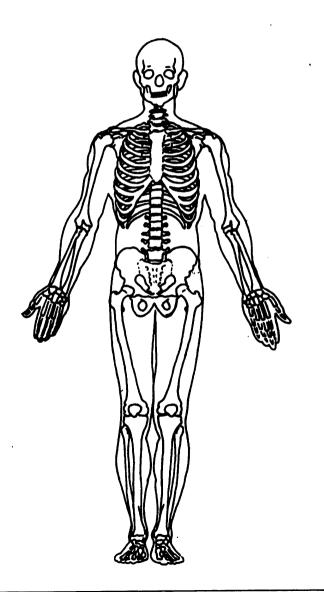
(02) Cervical (04) Thoracic (06) Lumbar

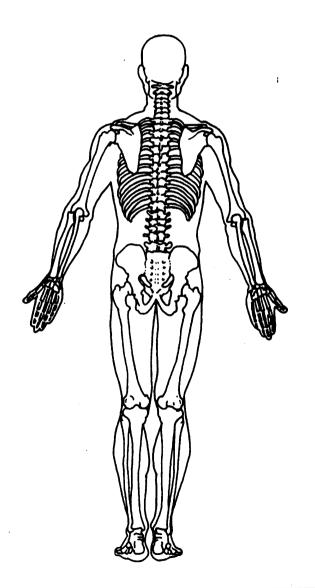
SOURCE OF INJURY DATA	INJURY SOURCE	DIRECT/INDIRECT INJURY
	CONFIDENCE LEVEL	
OFFICIAL RECORDS (1) Autopsy records with or without hospital/medical records (2) Hospital/medical records other than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic	(1) Certain(2) Probable(3) Possible(9) Unknown	(1) Direct contact injury (2) Indirect contact injury (3) Noncontact injury (7) Injured, unknown source
UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify):		

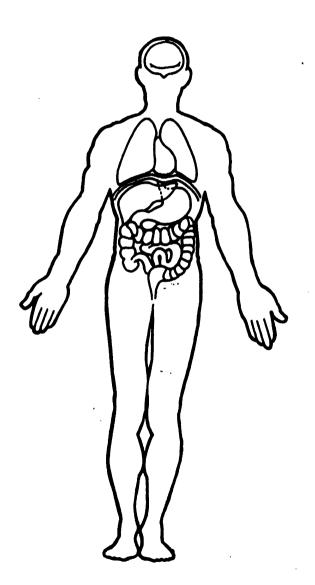
FRON		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
	Windshield		armrest		object held		(used behind wheel chair)
(002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
(003)	Sunvisor		Right B-pillar		object in mouth		(specify):
(004)	Steering wheel rim	(105)	Other right pillar (specify):	(185)	Air bag compartment		
(005)	Steering wheel hub/spoke				cover-passenger side		
(006)	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTER	RIOR of OCCUPANT'S
	of codes 004 and 005)	(107)	Right side window frame		cover-passenger side and	VEHIC	
(007)	Steering column,	(108)	Right side window sill		eyewear		Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment		Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	outside mirror, antenna)
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment	(100)	tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		thes (specify).
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below			(,	cover-passenger side and	(454)	Onknown exterior objects
(011)	Center instrument panel and				object in mouth	EVTER	NOD OF OTHER MATER
	below	INTER	IOB	(190)	•		RIOR OF OTHER MOTOR
(012)	Right instrument panel and		Seat, back support	(130)	Other air bag (specify)	VEHIC	
/	below		Belt restraint webbing/buckle	/105	Other sin han		Front bumper
(013)	Glove compartment door	-		(195)	Other air bag compartment		Hood edge
	Knee bolster	(153)	Belt restraint B-pillar or door		cover (specify)	(503)	Other front of vehicle
		(4.5.4)	frame attachment point				(specify):
(015)	Windshield including one or	(154)	Other restraint system				
	more of the following: front		component (specify):	ROOF	_	(504)	
	header, A (A1/A2)-pillar,	(455)			Front header		Hood ornament
	instrument panel, mirror, or		Head restraint system	(202)	Rear header	(506)	Windshield, roof rail, A-pilla
	steering assembly (driver	(160)	Other occupants (specify):		Roof left side rail	(507)	Side surface
	side only)			(204)	Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or		Interior loose objects	(205)	Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(162)	Child safety seat (specify):				(specify):
	header, A (A1/A2)-pillar,			FLOOI	₹		
	instrument panel, or mirror	(163)	Other interior object	(251)	Floor (including toe pan)	(510)	Rear surface
	(passenger side only)		(specify):	(252)	Floor or console mounted		Undercarriage
(017)	Windshield reinforced by				transmission lever, including		Tires and wheels
	exterior object (specify)				console		Other exterior of other motor
		AIR B	NG .	(253)	Parking brake handle	,	vehicle (specify):
(019)	Other front object (specify):	(170)	Air bag-driver side		Foot controls including		
		(171)	Air bag-driver side and		parking brake	(514)	Unknown exterior of other
			eyewear		,	(014)	motor vehicle
LEFT S	SIDE	(172)	Air bag-driver side and	REAR			motor venicle
(051)	Left side interior surface,		jewelry	(301)	Backlight (rear window)	OTHER	3 VEHICLE OR OR 1507
	excluding hardware or		Air bag-driver side and object			UINCE	R VEHICLE OR OBJECT IN
		(173)		13031			1) ((DO) (1) (T) (T)
	armrests	(173)	•	(302)	Q	THE E	NVIRONMENT
(052)	armrests		held .		door, etc.	THE EI (551)	Ground
(052)	armrests Left side hardware or		held Air bag-driver side and object			THE EI (551)	Ground Other vehicle or object
	armrests Left side hardware or armrest	(174)	held Air bag-driver side and object in mouth		door, etc.	THE EI (551)	Ground
(053)	armrests Left side hardware or armrest Left A (A1/A2)-pillar	(174)	held Air bag-driver side and object in mouth Air bag compartment	(303)	door, etc. Other rear object (specify):	THE EI (551) (598)	Ground Other vehicle or object (specify):
(053) (054)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(174) (175)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side	(303) ADAP	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING	THE EI (551) (598)	Ground Other vehicle or object
(053) (054)	armrests Left side hardware or armrest Left A (A1/A2)-pillar	(174) (175)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment	(303) ADAP EQUIP	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT	THE EI (551) (598)	Ground Other vehicle or object (specify):
(053) (054) (055)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(174) (175)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and	(303) ADAP EQUIP	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for	THE EI (551) (598) (599)	Ground Other vehicle or object (specify):
(053) (054) (055)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(174) (175) (176)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear	(303) ADAP EQUIP (401)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration	THE EI (551) (598) (599) NONC	Ground Other vehicle or object (specify): Unknown vehicle or object
(053) (054) (055) (056) (057)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame	(174) (175) (176)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment	(303) ADAP EQUIP (401)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for	THE EI (551) (598) (599) NONC (601)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY
(053) (054) (055) (056) (057) (058)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill	(174) (175) (176) (177)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry	(303) ADAP EQUIP (401)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration	THE EI (551) (598) (599) NONC((601) (602)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle
(053) (054) (055) (056) (057) (058)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass	(174) (175) (176) (177)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment	(303) ADAP EQUIP (401)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices	THE EI (551) (598) (599) NONC((601) (602)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass
053) 054) 055) 056) 057) 058)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the	(174) (175) (176) (177)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry	(303) ADAP' EQUIP (401)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering	THE EI (551) (598) (599) NONC((601) (602)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source
053) 054) 055) 056) 057) 058)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window	(174) (175) (176) (177)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment	(303) ADAP' EQUIP (401)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel)	THE EI (551) (598) (599) NONC (601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify):
053) 054) 055) 056) 057) 058)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar,	(174) (175) (176) (177) (178)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object	(303) ADAP' EQUIP (401) (402)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window	(174) (175) (176) (177) (178)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held	(303) ADAP' EQUIP (401) (402)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify):
(053) (054) (055) (056) (057) (058) (059)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar,	(174) (175) (176) (177) (178)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment	(303) ADAP EQUIP (401) (402) (403)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter)	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058) (059)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(174) (175) (176) (177) (178) (179)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object	(303) ADAP'EQUIP (401) (402) (403) (405)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058) (059)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(174) (175) (176) (177) (178) (179)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth	(303) ADAP'EQUIP (401) (402) (403) (405) (406) (407)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058) (059)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(174) (175) (176) (177) (178) (179)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side	(303) ADAP'EQUIP (401) (402) (403) (405) (406) (407)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts,	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058) (059)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(174) (175) (176) (177) (178) (179) (180) (181)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and eyewear	(303) ADAP'EQUIP (401) (402) (403) (405) (406) (407) (408)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify):	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058) (059)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(174) (175) (176) (177) (178) (179) (180) (181)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and	(303) ADAP'EQUIP (401) (402) (403) (405) (406) (407) (408)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify): Additional or relocated	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(053) (054) (055) (056) (057) (058) (059) (060)	armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(174) (175) (176) (177) (178) (179) (180) (181)	held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side and eyewear Air bag-passenger side and	(303) ADAP'EQUIP (401) (402) (403) (405) (406) (407) (408)	door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify):	THE EI (551) (598) (599) NONC(601) (602) (603)	Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases

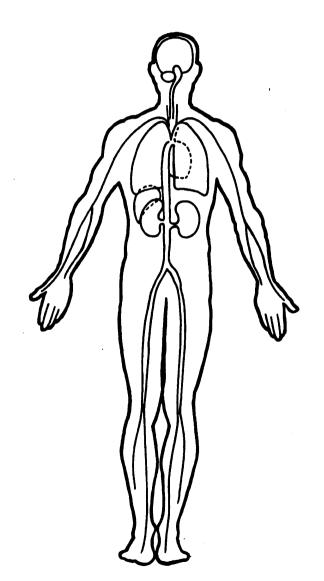
OFFICIAL INJURY DATA - SOFT TISSUE INJURIES Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.) Restrained? No ___ Yes **Blood Alcohol Level** (mg/di) BAL = ___ Glasgow Coma Scale Score GCSS = ____ Units of Blood Given Units = ____ **Arterial Blood Gases** PCO₂ HCO₃ ____

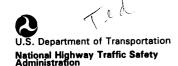
OFFICIAL INJURY DATA — SKELETAL INJURIES











OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

_	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	
2. Case Number - Stratum <u>096</u>	10. Occupant's Seat Position Front Seat
3. Vehicle NumberO	(11) Left side (12) Middle
03°	(13) Right side
4. Occupant Number	(14) Other (specify):
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown 10 inches X 2.54 = 177.8 centimeters	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999) Unknown 2 10 pounds x .4536 = 953 kilograms 9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

EJECT	ION/E	NTRAPMENT
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	0	15. Medium Status (Immediately Prior To Impact) O (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	0	(0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify):
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown	<u>U</u>	serious injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (8) Removed from vehicle for other reasons (specify): (9) Unknown

BELT SYSTEM FUNCTION								
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify): (9) Unknown 19. Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed (01) Inoperative (specify): (02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown (08) Other belt used with child safety seat (13) Lap belt used (specify): (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with child safety seat (15) Belt used with child safety seat (15) Belt used with child safety seat (16) Unknown if belt used (17) Shoulder belt used (18) Other belt used with child safety seat (19) Unknown if belt used (19) Unknown if belt used (20) Proper Use of Manual (Active) Belts (0) None used or not available (1) Belt used properly (2) Belt used properly (3) Shoulder belt worn under arm (4) Shoulder belt worn under arm (4) Shoulder belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): (8) Other improper use of manual belt system (specify): (9) Unknown 21. Manual (Active) Belt Failure Modes During Accident (1) No manual belt used or not available (1) No manual belt used or not available (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (6) Other anchorage separated (7) Combination of above (specify): (8) Other manual belt failure (specify):	## STAND PROVINCE Color Co							
(9) Unknown	(7) Combination of above (specify): (8) Other automatic belt failure (specify): (9) Unknown							

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Vehicle inspection [] Official injury data [32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown

	FIRST SEAT FRONTAL AIR E	BAG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of Delta V For Air Bag Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36.	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37.	Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown	 (9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed
38.	Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39.	CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

FIRST SEAT FRONTAL AIR BAG SYSTEM	HEAD RESTRAINT AND SEAT EVALUATION
FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued 44. Source of Air Bag Damage (00) Not equipped/not available (01) Not damaged (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other damage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown	49. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify): (9) Unknown 50. Seat Type (this Occupant Position) (00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back (03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s)
45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown if deployed (9) Unknown	(06) Split bench with separate back cushions (07) Split bench with folding back(s) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., van type) (10) Other seat type (specify): (99) Unknown 51. Seat Orientation (this Occupant Position) (0) Occupant not seated or no seat (1) Forward facing seat
46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown if deployed (9) Unknown	(2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify): (9) Unknown 52. Seat Track Adjusted Position Prior To Impact (0) Occupant not seated or no seat
47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown	 (1) Non-adjustable seat track Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle track positions (4) Seat at middle track position (5) Seat between middle and rear most track positions (6) Seat at rear most track position (9) Unknown
48. Was This Occupant Wearing Eye-wear? (0) Not air bag equipped/air bag not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed (9) Unknown	

HEAD RESTRAINT AND SEAT EVALUATION continued

- 53. Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat
- 01

(01) Not adjustable

Upright prior to impact

- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

Slightly reclined prior to impact

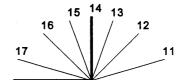
- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

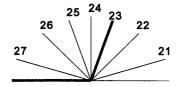
Completely reclined prior to impact

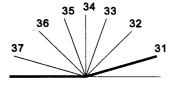
- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown
- 54. Seat Performance (this Occupant Position)



- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify):
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion, (specify):_____
- (7) Combination of above (specify):
- (8) Other (specify):
- (9) Unknown







55. Child Safety Seat Make/Model (OOO) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Bultin child safety seat (997) Other make/model (specify): (998) Unknown make/model (specify): (999) Unknown if child safety seat used (999) Unknown if child safety seat used (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (99) Unknown child safety seat (99) Unknown child safety seat type (99) Unknown child safety seat type (99) Unknown child safety seat type (99) Unknown child safety seat type (99) Unknown child safety seat type (99) Unknown child safety seat type (99) Unknown child safety seat used (12) Harness/shield/tether added or used (12) Harness/shield/tether used (13) Child safety seat used (14) Harness/shield/tether used (15) Unknown if harness/shield/tether used (16) Unknown if harness/shield/tether used (17) Unknown if harness/shield/tether used (18) Unknown if harness/shield/tether used (19) Unknown if harness/shield/tether u		CHILD S	SAFETY SEAT	
56. Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): (8) Unknown child safety seat used (9) Unknown if child safety seat used 57. Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (03) Unknown orientation Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown Design or Orientation For This Age/Weight (21) Forward facing (22) Forward facing (23) Other orientation (specify): (30) Unknown orientation Unknown Design or Orientation For This Age/Weight (21) Forward facing (22) Forward facing (23) Unknown orientation Unknown Design or Orientation For This Age/Weight (21) Rear facing (22) Forward facing (22) Forward facing (23) Unknown orientation Unknown Design or Orientation For This Age/Weight (24) Rear facing (25) Unknown orientation Unknown Design or Orientation (specify): (26) Unknown orientation Unknown Design or Orientation (specify): (27) Unknown orientation Unknown Design or Orientation (specify): (28) Unknown orientation (specify):	55.	(000) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify):	59. Child Safety Seat Shield Usage 60. Child Safety Seat Tether Usage Note: Options below applicable to	<u> </u>
		(0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (23) Other orientation (specify):	Not Designed With Harness/Shield/Tether (01) After market harness/shield/tether added, not used (02) After market harness/shield/tether used (03) Child safety seat used, but no after market harness/shield/tether added (09) Unknown if harness/shield/tether added or used Designed With Harness/Shield/Tether (11) Harness/shield/tether not used (12) Harness/shield/tether used (19) Unknown if harness/shield/tether used Unknown If Designed With Harness/Shield/Tether (21) Harness/shield/tether not used (22) Harness/shield/tether used (29) Unknown if harness/shield/tether used	

National Accident Sampling Syst	tem-Crashworthiness Data	Syste	em: Occupant Assessment F	orm	Page
INJURY CONSE	QUENCES		~		
61. Injury Severity (Police Ratin (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating in (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unkr (6) Died prior to accident (9) Unknown	njury /	((((Type Of Medical Facility (for 0) Not treated at a medical (1) Trauma center 2) Hospital 3) Medical clinic 4) Physician's office 5) Treatment later at medical Other (specify):	facility	atment) <u>2</u>
62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (sp	<u>부</u> pecify):	64. H	Hospital Stay OO) Not Hospitalized Code the number of day hat the occupant stayed in h 61) 61 days or more	's (up thro iospital.	<u>OO</u>
Nonfatal (3) Hospitalization (4) Transported and release (5) Treatment at scene - no (6) Treatment later (7) Treatment - other (spec (8) Transported to a medical treated (9) Unknown	ontransported	65. V	99) Unknown Vorking Days Lost Code the number of day up through 60) that the occulost from work due to the ac OO) No working days lost 61) 61 days or more 62) Fatally injured 97) Not working prior to accomp	upant cident	97
	EMERGENCY RESPO	NSE	INFORMATION		
EMS Notification (1) Not notified (2) Notified	ROAD VEHICLE	((MS Type 01) Fire department 02) Rescue squad	FIRST	TRANSPORTING UNIT

EMS Not	tification		EMS	Туре	FIRST TRANSPORT
(1) N	lot notified	ROAD VEHICLE	(01)	Fire department	FIRST TRANSPORT UNIT
(2) N	lotified		(02)	Rescue squad	
(9) U	Jnknown	AIR VEHICLE	(03)	Police department	ROAD VEHICLE
			(04)	Trauma unit	
			(05)	Disaster unit	AIR VEHICLE
EMS Not	tificationTime (first unit)		(06)	Ambulance service unit	
(9999)	Unknown	ROAD VEHICLE	(07)	Hospital	
•			(08)	Mortuaries/funeral homes	
		AIR VEHICLE	(98)	Other, specifiy:	
			(99)	Unknown	
EMS Arri	ival Time (first unit)				
(9998)	EMS cancelled or did	ROAD VEHICLE			
	not arrive		EMS	Care	
(9999)	Unknown	AIR VEHICLE	(01)	No care administered	ON-SCENE DURING
			(02)	First aid	
			(03)	Resuscitation	ROAD VEHICLE
EMS Der	parture Time To		(04)	CPR	
	nt Facility (transporting unit)	ROAD VEHICLE	(05)	Emergency cardiac care	AIR VEHICLE
(9997)	EMS arrived, provided		(06)	Life support system monit	oring (blood pressure
	treatment, but did not	AIR VEHICLE		pulse rate, respiration, EK	G)
	transport		(07)	Emergency burn care	- ,
(9998)	EMS arrived, but was		(08)	Combination of above, sp	ecify:
·	not used		(98)	Other, specify:	
(9999)	Unknown		(99)	Unknown	
	ival Time At nt Facility Unknown	ROAD VEHICLE			
(3333)	UNKNOWN .	AIR VEHICLE			
STOP	WORK HERE VARI			CODED BY THE	ZONE OFNITE
<i>3</i> .	WOIN HERE VAN	ADLES 00-74	I O DE	CODED BY THE	CONE CENTER

TO BE CODED BY THE ZONE CENTER

	INJURY CONSEQUENCES	TRAUMA DATA
66.	Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
	1st Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause of Death 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported Cause 2nd Medically Reported 2	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given
69.	3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify): (97) Other result (includes fatal ruled	73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported , HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
	disease) (specify):	BELT USE DETERMINATION
70.	Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

U.S. Department of Transportation National Highway Traffic Safety

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number

_/3

3. Vehicle Number

01

2. Case Number - Stratum

0960

4. Occupant Number

03

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	A.I.S 90								Injury	- 	Occupan
	Source of Injury Data	/ Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury t Source	Source Confidence Level	Direct/ Indirect	Area Intrusion
1111	K K	A CONTRACTOR OF THE PARTY OF TH		Ottaetare	mjary	Seventy	Aspec	30urce	Level	Injury	Number
1st	'' ق	6. 6	7.4	e 02	978	10 /	116	12.205	- 12 2	112	03
Lac	d st	w									
2nd	ئ .	17. <u>6</u>	18. 4	19. <u>J B</u>	20. <u>78</u>	21, 🖊	22	23. 205	524. 2	₂₅ . <u>/</u> ;	26. <u>23</u>
$l_{\cdot m}$	CM	-									
			29	30. <u>0</u> +	31. 03	_{32.} <u>/</u>	33. <u>4</u>	34. <u>20</u> 05	35. 2	36. /	37. <u>03</u>
	dyl		. /-	ΔĤ	/3	2	A	- 215	T 2	,	A 2
4th - Flis	38. <u> —</u> glv.)	39. <u>1</u> lac	40. 💯	41. <u>47</u>	42. <u>//</u>	43.	44.	45. 205	46	47	_دن
JUAN.	7 7	. <i>Q</i>	. 9	E2 06	(T)	1	2	_{56.} <u>602</u>	2	2	00
Ju,	"°.≠	.v _	31. <u> </u>	52. - 12	53. <u> </u>	54. /	55.	56.	57. <u>*</u>)	58.—	59.
6th	60	61	62	63	64	65	66	67	68	69	70
7th	71	72	73	74	75	76	77	78	79	80 8	81
8th	82. ;	83.	84.	85.	86	87	99	89	00	۰	
			_	· · · · · · · ·	···-	· · · · · · · · · · · · · · · · · · ·	Jo		3U	91	92
9th	93 :	94	95	96	97	98	99	100	101	102 10	03
10th 1	04 10)5. <u> </u>	106 1	07	108	109	110	111	112	l13 1 [.]	14

OCCUPANT INJURY DATA											
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th	_	—	_							_	
12th		_	_	——					_		
13th	<u> </u>	<u></u>	<u></u> -	<u> </u>		_				<u>—</u>	
14th 15th						_	_		<u></u>	<u> </u>	
16th	_		— —			_	— —			— —	
17th	<u> </u>	_					_			<u> </u>	
18th	16 -	—	_				_		_	—	
19th	_		_						_	_	
20th 21st										—	
22nd	_	— —	_								
23rd	-	_	_			-				_	
24th	_	<u>-</u>	_			_				_	
25th		-	<u>-</u>				_			_	

OCCUPANT INJURY CLASSIFICATION

Body Region Head (2)Face (3)Neck (4)Thorax (5) Abdomen Spine (6)(7)**Upper Extremity** (8) Lower Extremity Unspecified (9)

Type of Anatomic Structure

- Whole Area (2)Vessels (3) Nerves
- Organs (includes (4)Muscles/ligaments)
- (5) Skeletal (includes ioints)
- Head LOC (6)
- (9) Skin

Specific Anatomic Structure

Vessels, Nerves, Organs. Bones, Joints are assigned consecutive two digit numbers beginning with

The exceptions to this rule apply to:

Whole Area (02) Skin - Abrasion (04) Skin - Contusion (06) Skin - Laceration (08) Skin - Avulsion (10) Amputation

- (20) Burn (30) Crush
- (40)Degloving Injury - NFS (50)
- (90) Trauma, other than mechanical

Head - LOC

- (02) Length of LOC
- (04) Level
- (06) of
- (08) Consciousness
- (10) Concussion

Spine

- (02) Cervical (04) Thoracic
- (06) Lumbar

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

Abbreviated Injury Scale

- (1)Minor Injury
- (2) Moderate Injury
- (3)Serious Injury
- (4) Severe Injury
- Critical Injury (5)
- (6)Maximum (untreatable)
- (7)Injured, unknown severity

Aspect

- (1)Right (2)Left
- (3)Bilateral
- (4)Central
- (5) Anterior (6)Posterior
- (7)Superior
- (8) Inferior
- (9) Unknown
- (0)Whole region

SOURCE OF INJURY DATA INJURY SOURCE DIRECT/INDIRECT INJURY **CONFIDENCE LEVEL** OFFICIAL RECORDS (1) Autopsy records with or (1) Certain Direct contact injury Indirect contact injury without hospital/medical (2) Probable (2) (3) Possible Noncontact injury records (3) (2) Hospital/medical records other (9) Unknown (7) Injured, unknown source than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

			INJURY				
FRONT	•	(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
(001)	Windshield		armrest		object held		(used behind wheel chair)
(002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
(003)	Sunvisor	(104)	Right B-pillar		object in mouth		(specify):
(004)	Steering wheel rim	(105)	Other right pillar (specify):	(185)	Air bag compartment		
(005)	Steering wheel hub/spoke				cover-passenger side		
(006)	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTER	RIOR of OCCUPANT'S
	of codes 004 and 005)	(107)	Right side window frame		cover-passenger side and	VEHIC	LE
(007)	Steering column,	(108)	Right side window sill		eyewear	(451)	Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and		outside mirror, antenna)
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and below		(specify):	(189)	Air bag compartment cover-passenger side and	(454)	Unknown exterior objects
(011)	Center instrument panel and				object in mouth	EXTER	RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	LE
(012)	Right instrument panel and	(151)	Seat, back support			(501)	Front bumper
	below	(152)	Belt restraint webbing/buckle	(195)	Other air bag compartment	(502)	Hood edge
(013)	Glove compartment door	(153)	Belt restraint B-pillar or door		cover (specify)	(503)	Other front of vehicle
(014)	Knee bolster		frame attachment point				(specify):
(015)	Windshield including one or	(154)	Other restraint system				
	more of the following: front		component (specify):	ROOF		(504)	
	header, A (A1/A2)-pillar,				Front header		Hood ornament
	instrument panel, mirror, or		Head restraint system		Rear header		Windshield, roof rail, A-pilla
	steering assembly (driver	(160)	Other occupants (specify):		Roof left side rail		Side surface
	side only)				Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or		Interior loose objects	(205)	Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(162)	Child safety seat (specify):				(specify):
	header, A (A1/A2)-pillar,			FLOOI			
	instrument panel, or mirror	(163)	Other interior object		Floor (including toe pan)		Rear surface
(047)	(passenger side only)		(specify):	(252)	Floor or console mounted		Undercarriage
(017)	Windshield reinforced by				transmission lever, including		Tires and wheels
	exterior object (specify)	AIR B	A.G.	(252)	Console	(513)	Other exterior of other moto
/019\	Other front object (specify):		Air bag-driver side		Parking brake handle Foot controls including		vehicle (specify):
(013)	Other Hollt Object (apeciny).		Air bag-driver side and	(254)	parking brake	/E1.4\	Unknown exterior of other
		,,,,,	eyewear		parking brake	(314)	motor vehicle
LEFT S	SIDE	(172)	Air bag-driver side and	REAR			motor venicle
	Left side interior surface,	, _ ,	jewelry		Backlight (rear window)	OTHE	R VEHICLE OR OBJECT IN
(00.,	excluding hardware or	(173)	Air bag-driver side and object		Backlight storage rack,		NVIRONMENT
	armrests		held .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	door, etc.		Ground
(052)	Left side hardware or	(174)	Air bag-driver side and object	(303)	Other rear object (specify):		Other vehicle or object
	armrest		in mouth			,,,,,,	(specify):
(053)	Left A (A1/A2)-pillar	(175)	Air bag compartment				(opody).
	Left B-pillar		cover-driver side	ADAP	TIVE (ASSISTIVE) DRIVING	(599)	Unknown vehicle or object
(055)	Other left pillar (specify):	(176)	Air bag compartment	EQUIP	MENT	,	
			cover-driver side and	(401)	Hand controls for	NONC	CONTACT INJURY
(056)	Left side window glass		eyewear		braking/acceleration		Fire in vehicle
(057)	Left side window frame	(177)	Air bag compartment	(402)	Steering control devices		Flying glass
(058)	Left side window sill		cover-driver side and jewelry		(attached to OEM steering		Other noncontact injury
(059)	Left side window glass	(178)	Air bag compartment		wheel)		source
	including one or more of the		cover-driver side and object	(403)	Steering knob attached to		(specify):
	following: frame, window		held		steering wheel	(604)	Air bag exhaust gases
	sill, A (A1/A2)-pillar, B-pillar,	(179)	Air bag compartment	(405)	Replacement steering wheel		Injured, unknown source
	or roof side rail.		cover-driver side and object		(i.e., reduced diameter)		
(060)	Other left side object		in mouth	(406)	Joy stick steering controls		
	(specify):	(180)	Air bag-passenger side		Wheelchair tie-downs		•
		(181)	Air bag-passenger side and		Modification to seat belts,		
			eyewear		(specify):		
RIGHT	SIDE	(182)	Air bag-passenger side and	(409)	Additional or relocated		
(101)	Right side interior surface,		jewelry		switches, (specify):		
	excluding hardware or						

Page

OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Restrained?

<u>√</u>No

___ Yes

Blood Alcohol Level (mg/dl)

BAL = NP

Glasgow Coma Scale Score

GCSS = 15

ABX3

Units of Blood Given

Units = $\cancel{\mathcal{B}}$

Arterial Blood Gases

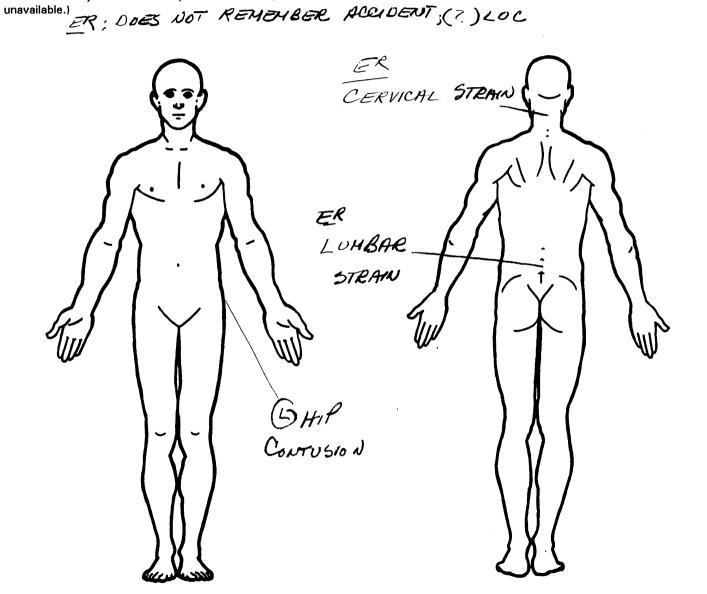
pH = __.__

PO₂=

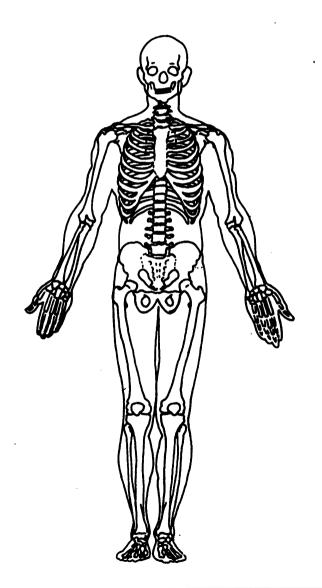
PCO,

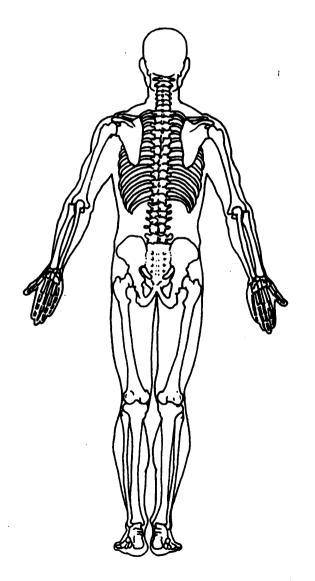
HCO.

reard

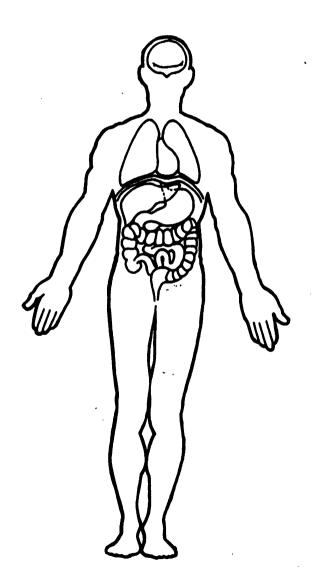


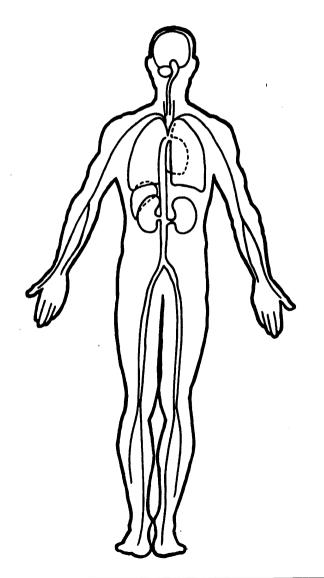
OFFICIAL INJURY DATA — SKELETAL INJURIES





OFFICIAL INJURY DATA —INTERNAL INJURIES







Form Approved O.M.B. No. 2127-0021

OCCUPANT ASSESSMENT FORM . Department of Transportation NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM National Highway Traffic Safety Administration **OCCUPANT'S SEATING** 1. Primary Sampling Unit Number 10. Occupant's Seat Position 2. Case Number - Stratum Front Seat (11) Left side 3. Vehicle Number (12) Middle (13) Right side 4. Occupant Number (14) Other (specify): OCCUPANT'S CHARACTERISTICS (15) On or in the lap of another occupant Second Seat 5. Occupant's Age (21) Left side Code actual age at time of accident. (22) Middle (00) Less than one year old (specify by month): (23) Right side (24) Other (specify): (97) 97 years and older (25) On or in the lap of another occupant (99) Unknown Third Seat (31) Left side (32) Middle 6. Occupant's Sex (33) Right side (1) Male (34) Other (specify): (2) Female-not reported pregnant (35) On or in the lap of another occupant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) Fourth Seat (5) Female-pregnant-3rd trimester(7th-9th month) (41) Left side (6) Female-pregnant-term unknown (42) Middle (9) Unknown (43) Right side (44) Other (specify): (45) On or in the lap of another occupant 7. Occupant's Height (97) In or on unenclosed area Code actual height to the nearest (98) Other seat (specify): centimeter. (99) Unknown (999) Unknown 10 inches X 2.54 = 17.8 centimeters 11. Occupant's Posture \bigcirc 8. Occupant's Weight (0) Normal posture Code actual weight to the nearest kilogram. Abnormal posture (999) Unknown (1) Kneeling or standing on seat 155 pounds X .4536 = 0.70.3 kilograms (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear 9. Occupant's Role window (1) Driver (5) Sitting on a console (2) Passenger (6) Lying back in a reclined seat position (9) Unknown (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify):

(9) Unknown

EJE	CTION/EN	NTRAPMENT
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	0	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained
(1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc. (specify):)	(2) Could not exit vehicle due to jammed doors, fire, etc. (specify):
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify):	<u>0</u>	serious injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (8) Removed from vehicle for other reasons (specify): (9) Unknown

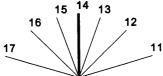
	BELT SYSTEM FUNCTION							
(0) (1) (2) (3) (4) (5) (6) (7) (8) (9) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Annual (Active) Belt System Availability None available Belt removed/destroyed Shoulder belt Lap and shoulder belt Lap and shoulder belt destroyed/removed) Shoulder belt (lap belt destroyed/removed) Cap belt (shoulder belt destroyed/removed) Other belt (specify): Unknown Annual (Active) Belt System Use None used, not available, or belt removed/destroyed Shoulder belt destroyed Shoulder belt specify): Shoulder belt Shoulder belt sed Shoulder belt sed Shoulder belt used Shoulder belt used with child safety seat Lap belt Lap and shoulder belt sed with child safety seat Lap belt used with child safety seat Lap and shoulder belt used with child safety seat Comparison Comparison Shoulder belt used with child safety seat Lap and shoulder belt used with child safety seat Lap and shoulder belt used with child safety seat Comparison Nother belt used with child safety seat Specify): Shoulder belt used Toper Use of Manual (Active) Belts None used or not available Belt used properly Shoulder belt worn under arm Shoulder belt worn under arm Shoulder belt worn under arm Shoulder belt worn on abdomen Lap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify): Diap belt or lap and shoulder belt used improperly with child safety seat (specify):	22. Manual Shoulder Belt Upper Anchorage Adjustment (0) No manual shoulder belt (1) No upper anchorage adjustment for manual shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment 23. Automatic (Passive) Belt System Availability/Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts classive) (3) Automatic belts destroyed or rendered inoperative (9) Unknown 24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt in use (2) Automatic belt in use (3) Automatic belt use unknown (9) Unknown 25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system (2) Motorized system (3) Unknown 26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly (3) Automatic belt used properly (3) Automatic belt used properly (3) Automatic belt used properly (4) Automatic belt used properly (5) Automatic belt used properly (6) Not equipped/not available/not used (7) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): (8) Other improper use of automatic belt system (specify): (9) Unknown	0					
	No manual belt failure(s) Torn webbing (stretched webbing not included) Broken buckle or latchplate	(specify):(9) Unknown	۵					

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (O) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	 31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Vehicle inspection [] Official injury data [] Driver/occupant interview [] Other (specify): [] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown

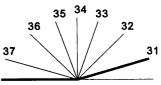
FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION						
40. Longitudinal Component of Delta V For Air Bag Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown						
41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed						
(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed (8) Unknown if deployed (9) Unknown						
43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown						

	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HEAD RESTRAINT AND SEAT EVALUATION
	EVALUATION continued	49. Head Restraint Type/Damage by Occupant
44.	Source of Air Bag Damage	at This Occupant Position
	(00) Not equipped/not available	(0) No head restraints
	(01) Not damaged	(1) Integral—no damage
	(O2) Object worn by occupant, (specify):	(2) Integral – damaged during accident
	(and Oliver and Indiana)	(3) Adjustable – no damage
	(03) Object carried by occupant, (specify):	(4) Adjustable—damaged during accident
	(04) Adaptive/assistive controls, (specify):	(5) Add-on—no damage (6) Add-on—damaged during accident
	(04) Adaptive/assistive controls, (specify).	(8) Other (specify):
	(05) Fire in vehicle	(b) Other (specify).
ŀ	(06) Thermal burns	(9) Unknown
1	(07) Rescue or emergency efforts	A7
	(88) Other damage source (specify):	50. Seat Type (this Occupant Position)
		(00) Occupant not seated or no seat
İ	(95) Damaged, unknown source	(01) Bucket
	(96) Deployed, unknown if damaged	(02) Bucket with folding back
	(97) Not deployed (98) Unknown if deployed	(03) Bench
	(99) Unknown	(O4) Bench with separate back cushions (O5) Bench with folding back(s)
1	100) Olikilottii	(06) Split bench with separate back cushions
	Was The Air Bag Tethered?	(07) Split bench with folding back(s)
45.		(08) Pedestal (i.e., column supported)
1	(0) Not equipped/not available	(09) Box mounted seat (i.e., van type)
1	(1) No(2) Yes (specify number of tether straps):	(10) Other seat type (specify):
1	(2) Tes (specify flumber of terrior or apo).	
	(3) Deployed, unknown if tethered	(99) Unknown
	(7) Not deployed	Ed. C. J. C. J. J. J. (this Common Position)
	(8) Unknown if deployed	51. Seat Orientation (this Occupant Position) (0) Occupant not seated or no seat
1	(9) Unknown	(1) Forward facing seat
46	Did The Air Bag Have Vent Ports?	(2) Rear facing seat
10.	(0) Not equipped/not available	(3) Side facing seat (inward)
	(1) No	(4) Side facing seat (outward)
	(2) Yes (specify number of vent ports):	(8) Other (specify):
	(a) Delegal releases if yeart ports propert	(0) 11-1
	(3) Deployed, unknown if vent ports present (7) Not deployed	(9) Unknown
	(8) Unknown if deployed	52. Seat Track Adjusted Position Prior To Impact
	(9) Unknown	(0) Occupant not seated or no seat
	•	(1) Non-adjustable seat track
47	. Was the Air Bag in this Occupant's Position $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	
	Contacted by Another Occupant?	Adjustable Seat Track
1	(0) Not equipped/not available	(2) Seat at forward most track position
1	(1) No	(3) Seat between forward most and middle track
1	(2) Yes (specify):	positions (4) Soot at middle track position
1	(3) Deployed, unknown if other occupant contact	(4) Seat at middle track position (5) Seat between middle and rear most track
	to air bag	positions
	(7) Not deployed	(6) Seat at rear most track position
1	(8) Unknown if deployed	(9) Unknown
	(9) Unknown	
	····)
48	. Was This Occupant Wearing Eye-wear?	-
	(0) Not air bag equipped/air bag not available	
	(1) No (2) Eyeglasses/sunglasses	
-1	(3) Contact lenses	
	(4) Deployed, unknown if eyewear worn	
	(7) Not deployed	
	(8) Unknown if deployed	
1	(9) Unknown	

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53	3. Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14 16 17
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 ²⁴ 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position (99) Unknown	35 34 36 37
5	4. Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify): (7) Combination of above (specify): (8) Other (specify): (9) Unknown	







CHILD SAI	FETY SEAT
55. Child Safety Seat Make/Model OOO) No child safety seat	58. Child Safety Seat Harness Usage
(000) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat	59. Child Safety Seat Shield Usage
(997) Other make/model (specify): (998) Unknown make/model	60. Child Safety Seat Tether Usage
(998) Unknown if child safety seat used 56. Type of Child Safety Seat	Note: Options below applicable to Variables OA58-OA60. (00) No child safety seat
 (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): 	Not Designed With Harness/Shield/Tether (01) After market harness/shield/tether added, not used (02) After market harness/shield/tether used (03) Child safety seat used, but no after market harness/shield/tether added (09) Unknown if harness/shield/tether added or used
(8) Unknown child safety seat type (9) Unknown if child safety seat used	Designed With Harness/Shield/Tether (11) Harness/shield/tether not used (12) Harness/shield/tether used
57. Child Safety Seat Orientation (00) No child safety seat	(19) Unknown if harness/shield/tether used Unknown If Designed With Harness/Shield/Tether
Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify):	(21) Harness/shield/tether not used (22) Harness/shield/tether used (29) Unknown if harness/shield/tether used
(09) Unknown orientation	(99) Unknown if child safety seat used
Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify):	
(19) Unknown orientation	
Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify):	
(29) Unknown orientation	
(99) Unknown if child safety seat used	

National Accident Sampling System-Crashwo	orthiness Data	ata System: Occupant Assessment Form	Page
INJURY CONSEQUENCES			
61. Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown	<u>0</u>	63. Type Of Medical Facility (for Initial Treatm (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify): (9) Unknown	ent)
62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify): Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify): (8) Transported to a medical facility-unitreated (9) Unknown	_	64. Hospital Stay (00) Not Hospitalized Code the number of days (up through that the occupant stayed in hospital. (61) 61 days or more (99) Unknown 65. Working Days Lost Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown	<u>VO</u> 1 60) <u>9</u> 7
EMERGEN	NCY RESPO	PONSE INFORMATION	
EMS Notification (1) Not notified (2) Notified (9) Unknown	ROAD VEHICLE	(02) Rescue squad	

EMS Not	rification	•	EMS	Type	FIRST TRANSPOR
	ot notified	ROAD VEHICLE	(01)	Fire department	FIRST TRANSPOR
• • •	otified		(02)	Rescue squad	
	nknown	AIR VEHICLE	(03)	Police department	ROAD VEHICLE
(0)	TIRTIOWTI		(04)	Trauma unit	
			(05)	Disaster unit	AIR VEHICLE
EMS Not	tificationTime (first unit)		(06)	Ambulance service unit	
(9999)	Unknown	ROAD VEHICLE	(07)	Hospital	
(3333)	OHKHOWH		(08)	Mortuaries/funeral homes	
	-	AIR VEHICLE	(98)	Other, specifiy:	
			(99)	Unknown	
EMS Arri	ival Time (first unit)		,00/		
(9998)	EMS cancelled or did	ROAD VEHICLE			
(0000)	not arrive		EMS	Care	
(9999)	Unknown	AIR VEHICLE	(01)	No care administered	ON-SCENE TRANS
(0000)	OTIKTIOWIT		(02)	First aid	
			(03)	Resuscitation	ROAD VEHICLE
EMS Der	parture Time To		(04)	CPR	
	nt Facility (transporting unit)	ROAD VEHICLE	(05)	Emergency cardiac care	AIR VEHICLE
(9997)	EMS arrived, provided		(06)	Life support system moni	toring /blood pressu
(3337)	treatment, but did not	AIR VEHICLE	(00)	pulse rate, respiration, EK	
	transport		(07)	Emergency burn care	G ,
(9998)	EMS arrived, but was	•	(08)	Combination of above, sp	ecify
(3330)	not used		(98)	Other, specify:	
(9999)	Unknown		(99)	Unknown	
(3333)	Olkilowii		(00)	C.I.K.IOWII	
EMS Arri	ival Time At			e e	
Treatment Facility		ROAD VEHICLE			
(9999)	Unknown				

TO BE CODED BY THE ZONE CENTER

	INJURY CONSEQUENCES	TRAUMA DATA
66.	Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 +n up through 30 days = 60) (OO) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
68.	1st Medically Reported Cause of Death 2nd Medically Reported Cause of Death 3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given 73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown
	injuries are not linked to cause of death. (specify): (97) Other result (includes fatal ruled	(99) Unknown if injured
	disease) (specify):	BELT USE DETERMINATION
70	Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

PSU NUMBER

CASE NUMBER

VEHICLE NUMBER

OCCUPANT NUMBER

04

OCCUPANT INJURY FORM

THE FOLLOWING DATA IS NOT INCLUDED IN THIS CASE:

19	ENTIRE FORM	RM	
[]	PAGE NUMBER (S)	•	

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13096D00010012	969.001	000000000010	3T3100N						
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13096D01000022	9.00	000000000104	104000145	0000200	313161	00997	997000	05999 9	999 99
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13096D01000031	9.00	000000000013	3100TDDD0	3					
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13096D01000041	9.00	000000000111	10000000	012222	200122	11100	266116	0011111	100
13096D01000042	9.00	00000000011	133112133	113133	111162	11216	211316	2112152	211315
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PSU13 CASE 096D CURRENT VERSION: 9.00

ERROR SUMMARY SCREEN

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FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	Υ
General Vehicle	ŏ	ò	o o	Υ
Vehicle Exterior	Ö	0	.0	Υ
Vehicle Interior	0	0	0	Y
Occupant Assessment	: 0	0	0	Υ
Occupant Injury	0	0	0	Υ .
Total Inter Errors		0	0	
Total Case Errors	0	0	0	

SLIDE INDEX

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary S	ampling Ur	nit Number	Case Number – Stratum <u>096</u> D			
Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter			
1-7		W TO SW	1			
8		۲,	VEIL ROLLS Over - APPROX, FINGL REST			
9		NE	LOUX PACIL			
10-27			1			
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Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
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100(1000)#1















app (18ap) & I





13-0960 (1996) #20



96D (1996) #2



DU (1896) #22

















aon (iaao)w









36D (1996)#3



U96D (1996) i





vailable



196D (1986)#-









900 (1990)#4